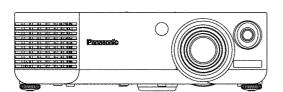
# Service Manual LCD Projector

PT-AE900U PT-AE900E





The service technician is required to read and follow the "Safety Precautions" and "Important Safety Notice" in this service Manual.

#### **Specifications**

Power supply:

100 V - 240 V AC, 50 Hz / 60 Hz

Power consumption:

180W [During standby (when fan is stopped):

Approx. 0.08 W]

Amps:

2.2 A - 1.0 A

LCD panel:

Panel size (diagonal): 0.7 type (17.78 mm)

Aspect ratio: 16:9

Display method: 3 transparent LCD panels (RGB)

Drive method: Active matrix method

Pixels: 921 600 (1 280 × 720) × 3 panels

Lens:

Manual zoom (2x) / Manual focus F 1.9 - 3.1, f 21.7 mm - 43.1 mm

Lamp:

UHM lamp (130 W)

Luminosity:

1 100 lm

Scanning frequency (for RGB signals):

Horizontal scanning frequency: 30 kHz - 70 kHz Vertical scanning frequency: 50 Hz - 87 Hz Dot clock frequency: 108 MHz or less

YPBPR signals:

525i (480i), 525p (480p), 625i (576i), 625p (576p), 1 125 (1 080)/60i, 1 125 (1 080)/50i, 1 125 (1 080)/24p, 750 (720)/60p, 750 (720)/50p

Color system:

7 (NTSC / NTSC 4.43 / PAL / PAL-M / PAL-N / PAL60/ SECAM)

Projection size:

1 016 mm - 5 080 mm

Throw distance:

1.2 m - 12.4 m

Screen aspect ratio:

16:9

Installation:

Front / Rear / Ceiling / Desk (Menu selection method)

Connectors:

S-VIDEO IN: Single-line, Mini DIN 4-pin

Y 1.0 V [p-p], C 0.286 V [p-p], 75  $\Omega$ ,

VIDEO IN: Single-line, RCA pin jack

1.0 V [p-p], 75 Ω

PC IN:

RGB: Single-line, D-sub HD 15-pin (female)

R.G.B:  $0.7V [p-p], 75\Omega$ G.SYNC:  $1.0 \text{ V [p-p]}, 75\Omega$ 

HD/SYNC: TTL high impedance, automatic

positive/negative polarity compatible

TTL high impedance, automatic VD:

positive/negative polarity compatible

**COMPONENT IN:** 

Y, PB/CB, PR/CR (for PT-AE900U):

Dual-line, RCA pin jack × 3

Y, PB/CB, PR/CR (for PT-AE900E):

Signal-line, RCA pin jack × 3

1.0 V [p-p] (Including sync),  $75\Omega$ 

PB, PR (CB, CR): 0.7 V [p-p], 75Ω

HDMI IN: Single-line, 19-pin HDMI connector

SCART IN (PT-AE900E only):

Single-line, 21-pin SCART connector

S-VIDEO: Y:1.0 V [p-p], C:0.286 V [p-p],  $75\Omega$ 

VIDEO: 1.0 V [p-p], 75Ω R.G.B.:0.7 V [p-p],  $75\Omega$ 

SYNC.:0.3 V [p-p],  $75\Omega$ 

SERIAL: DIN 8-pin RS-232C compatible

Cabinet:

Molded plastic (ABS / PC)

**Dimensions:** 

335 mm Width: 104 mm Height:

Length: 270 mm (Not including lens)

Weight:

3.6 kg

Operating environment:

Temperature: 0°C-40°C

(When "FAN CONTROL" is set to "HIGH": 0

°C - 35°C)

Humidity: 20 % - 80 % (no condensation)

Certifications:

PT-AE900U: UL60950, C-UL, FCC Class B PT-AE900E: EN60950, EN55022, EN61000-3-2,

EN61000-3-3, EN55024

<Remote control unit>

Power supply:

3 V DC (AA battery × 2)

Operating range:

Approx. 7 m

(when operated directly in front of signal receptor)

Weigh:

170 g (including batteries)

Dimensions:

Width:

28.5 mm (Not including the projection parts) Height:

200 mm Length:

Accessories:

Remote control unit (EUR7914Z20): AA batteries for remote control unit  $(\times 2)$ :

PT-AE900U: K2CG3FR00001 Power cord:

PT-AE900E: K2CT3FR00003 (U.K) 1 1

: K2CM3FR00002

1

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(continental)

Options:

Ceiling bracket: ET-PKE700 Ceiling bracket: ET-PKE300

(for low ceilings)

**Projection Screen:** ET-SRW90CT **ET-ADSER** Serial adapter:

(DIN 8-pin/D-sub 9-pin)

· Specifications are subject to change without notice.

· Weight and dimensions shown are approximate.

#### **⚠ WARNING**

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

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- S-VGA is a registered trademark of the Video Electronics Standards Association.
- HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC. All other trademarks are the property of the various trademark owners.

#### Precaution

If using this projector at high elevations (above 1 400 m), set the FAN CONTROL to HIGH. (Refer to "Option settings" in Operating Instructions.)

Failure to observe this may cause malfunctions.

Never use this projector at an elevation of 2 700 m or higher.

Using this projector at high elevations, consult your dealer or Authorized Service Center about preparations.

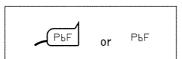
#### About lead free solder (PbF)

This projector is using the P.C.Board which applies lead free solder. The use of lead free solder is recommended from the standpoint of antipollution for the global environment in service.

Notes:

- Lead free solder: Sn-Ag-Cu (tin, silver and copper) has a higher melting point (approx. 217°C) than standard solder. Typically, the melting point is 30°C to 40°C higher. When servicing, use a high temperature soldering iron with temperature limitation function and set it to 370±10°C.
- Be precautions about lead free solder: Sn-Ag-Cu (tin, silver and copper) will tend to splash when heated too high (approx. 600°C or higher).
- Use lead free solder for the P.C.Board (specified on it as "PbF") which uses lead free solder. (When you unavoidably use lead solder, use lead solder after removing lead free solder. Or be sure to heat the lead free solder until it melts completely, before applying lead solder.)
- After soldering to double layered P.C.Boards, check the component side for excess solder which may flow onto the opposite side. About the identification of the lead free solder P.C.Board

For the P.C.Board which applies lead free solder, the symbol as shown in the figure below is printed or stamped on the surface or the back of P.C.Board.



#### For US

#### IMPORTANT SAFETY NOTICE

There are special parts used in Panasonic LCD Projectors which are important for safety. These parts are shaded on the schematic diagram. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire, or other hazards. Do not modify the original design without permission of PANASONIC BROADCAST & TELEVISION SYSTEMS COMPANY.

#### WARNING:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAUTION: Any unauthorized changes or modifications to this equipment will void the users authority to operate.

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# 1 Safety Precautions

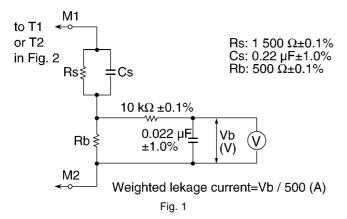
#### 1.1. General Guidelines

- For continued safety, no modification of any circuit must be attempted.
- Unplug the power cord from the power outlet before disassembling this projector.
- · Use correctly the supplied power cord and must ground it.
- It is advisable to use an isolation transformer in the AC power line before the service.
- Observe the original lead dress during the service. If a short circuit is found, replace all the parts overheated or damaged by the short circuit.
- After the service, all the protective devices such as insulation barriers, insulation papers, shields, and isolation R-C combinations must be properly installed.
- After the service, check the leakage current to prevent the customer from getting an electric shock.

# 1.2. Leakage Current Check

1. Prepare the measuring circuit as shown in Fig.1.

Be sure to use a voltmeter having the performance described in Table 1.



	Performance		
Voltmeter (rms reading)	Accuracy: Input resistance: Input capacitance: Frequency range:		

Table 1

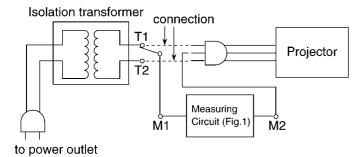


Fig. 2

2. Assemble the circuit as shown in Fig. 2. Plug the power

- cord in a power outlet.
- Connect M1 to T1 according to Fig. 2 and measure the voltage.
- 4. Change the connection of M1 from T1 to T2 and measure the voltage again.
- 5. The voltmeter must read 0.375 V or lower in both of steps 3 and 4. This means that the current must be 0.75 mA or less.
- 6. If the reading is out of the above standard, the projector must be repaired and rechecked before returning to the customer because of a possibility of an electric shock.

# 1.3. UV Precaution and UHM Lamp Precautions

- Be sure to unplug the power cord from the power outlet when replacing the lamp.
- Because the lamp reaches a very high temperature during its operation, wait until it cools completely when replacing the Lamp Unit.
- The lamp emits small amounts of UV-radiation, avoid directeye contact with the light.
- Because the high pressure lamp involves a risk of explosion, never touch the lamp wire lead during the service. (See Fig. 3)

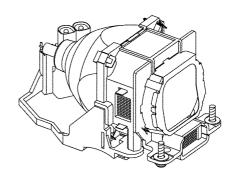


Fig. 3

# 2 Ext Option

This projector has EXT OPTION in addition to standard on-screen menus.

· There are SELF CHECK and FLICKER ADJ for service, etc.

#### 2.1. Procedure to enter EXT OPTION

- 1. When the projector is power ON, press "POWER" button on the main unit or remote control unit to display "POWER OFF" confirmation screen.
- 2. Press the right-arrow " button to select "CANCEL" in the "POWER OFF" confirmation screen.
- 3. On the main unit or remote control unit, press the buttons in order of up-arrow " ▲ ", down-arrow " ▼ ", up-arrow " ▲ ", down-arrow " ▼ " and "ENTER".

(When the "ENTER" button is pressed, "EXT OPTION" menu is displayed.)

#### 2.2. EXT OPTION Menu and Functions

#### **EXT OPTION**

FAN FULLMODE AUTO SETUP SELF CHECK FLICKER ADJ	OFF / ON NORMAL / SPECIAL
525i SD 525p OS	OFF / ON OFF / ON
HPLL	OFF / ON

#### · FAN FULLMODE

Setting the cooling fan motor rotation speed

- Switching ON "FAN FULLMODE", the rotation level of the fan becomes high-speed rotation (fixed). Moreover, when "FAN FULLMODE" is ON, changing "FAN CONTROL" in OPTION becomes impossible (setting FAN FULLMODE is given priority more than FAN CONTROL).
- · AUTO SETUP

Setting AUTO SETUP mode

- NORMAL: To set the normal mode (the dot clock is adjusted strictly)
- SPECIAL: To set the special mode (the dot clock is adjusted roughly)
- \* Do not change the initial setting (NORMAL).
- · SELF CHECK

To enter the self-check mode

· FLICKER ADJ

To enter the flicker adjustment mode

· 525i SE

When non-standard signal of 525i/625i is inputted (AV amplifier, etc.), synchronization might be disordered according to connected equipment. In this case, set 525i SD to ON.

· 525p OS

When 525p/625p signal is inputted, reflection noise (vertical striated beat) might be generated according to connected equipment. In this case, set 525p OS to ON. However, the resolution decreases a little.

· HPLL

When non-standard signal of VIDEO/S-VIDEO is inputted (VCR, VHD, etc.), horizontal synchronization might be disordered according to connected equipment. In this case, set HPLL to OFF.

# 2.3. Canceling EXT OPTION

Press "MENU" button on the main unit or remote control unit.

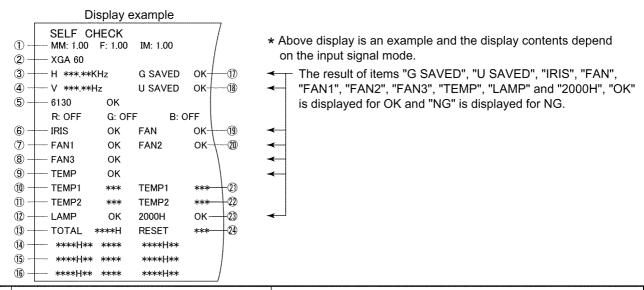
# 3 Self-Check Mode

This mode is used to narrow down the location of the failure.

### 3.1. Procedure to enter the self-check mode

Select "SELF CHECK" on "EXT OPTION" menu and press "ENTER" button on the main unit or remote control unit.

# 3.2. Self Check Display and Contents



	Display Contents	Remarks	
1	Microcomputer / FPGA / IRIS Control	Microcomputer (IC1010), FPGA (IC1032) and IRIS control	
	Microprocessor Software Version Display *1	microprocessor (IC1133) software versions are shown from the left.	
2	Signal Name	Different display according to the input signal	
3	Horizontal Signal Frequency	RGB or YPвPr (YCвCr) signal reception only	
4	Vertical Signal Frequency	RGB or YPвPR (YCвCr) signal reception only	
5	Sampling Hold IC Revision	It is distinguished whether the IC is revised.	
		R, G, B - ON: Revised OFF: Not revised (Initial value)	
6	Iris Abnormality Check	It is distinguished whether the iris operates normally.	
7	FAN1 Error Information	FAN1 (Power fan) Error	
8	FAN3 Error Information	FAN3 (Intake fan) Error	
9	Temperature Abnormality Check	Cause of Lamp Malfunction	
10	Thermosensor 1 A/D conversion value (0 - 255) *2	Current temperature around the LCD panel	
11)	Thermosensor 2 A/D conversion value (0 - 255) *2	Current temperature around the air intake slot (Detects air filter's choke, etc.)	
12	Lamp Abnormality Check	Cause of Lamp Malfunction	
13	Total Usage Time	Projector Cumulative Usage Time	
14)	Lamp ON - Cumulative Usage Time /	Current Cumulative Usage Time (actual time), ON Frequency	
15	Frequency / Cumulative Usage Time	Second and Cumulative Usage Time (conversion time for 130 W) of the lamp are shown from the left.	
16		First (vv) of the lamp are shown from the left.	
1	Gamma Correction Data Check	It is distinguished whether gamma data is stored in the flash ROM.	
18	Color Unevenness Correction Data Check	It is distinguished whether color unevenness correction data is stored in the flash ROM.	
19	Fan Stop Check	Cause of Lamp Malfunction	
20	FAN2 Error Information	FAN2 (Exhaust fan) Error	
21)	Thermosensor 1 A/D conversion value (0 - 255) *2	Temperature around the LCD panel when the last thermal shutdown occurs	
22	Thermosensor 2 A/D conversion value (0 - 255) *2	Temperature around the air intake slot when the last thermal shutdown occurs	
23	Lamp - Judgment for Cumulative Usage more than 2 000 h	Judgment for Replacement Time of Lamp	
24	Lamp - Reset Frequency of Cumulative Usage Time	Reset Frequency (0 - 255)	

<sup>\*1</sup> FPGA (Field Programmable Gate Array)
LSI that is rewritable quickly while inspecting the program by system designer. (This will be able to reduce the development time.)

<sup>\*2</sup> When detected abnormal temperature (high temperature around the LCD panel, large difference between temperature at the air intake slot and temperature around the LCD panel), TEMP indicator turned on. If arriving at the critical temperature, the power supply will shut down automatically (thermal shutdown) and the indicator will flash.

### 3.3. Canceling the self-check mode

Press "MENU" button on the main unit or remote control unit.

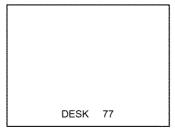
# 4 Flicker Adjustment Mode

If replacing the optical parts (LCD Panel / LCD block) or A-P.C.Board of this projector, enter the flicker adjustment mode and minimize the flicker.

# 4.1. Procedure to enter the adjustment mode

Select "FLICKER ADJ" on "EXT OPTION" menu and press "ENTER" button on the main unit or remote control unit. **Note:** 

"DESK setting (red)" is displayed when entering the adjustment mode.



Adjustment Display when DESK setting

# 4.2. Adjustment Display and Contents

- · Setting value is increased and decreased with the right-arrow " ▶ " and left-arrow " ◀ " buttons.
- " ◀ ": Decrease, " ▶ ": Increase
- Adjust the setting value to minimize the flicker on the screen.
- Execute the adjustment by 6 patterns below.
- The pattern (adjustment display) is switched with the up-arrow " 🛕 " and down-arrow " 🔻 " buttons.
  - " ▲ ": Forward direction, " ▼ ": Reverse direction
  - There are 6 patterns of "DESK setting (red)", "DESK setting (blue)", "DESK setting (green)", "CEILING setting (red)", "CEILING setting (blue)" and "CEILING setting (green)".
  - The setting value is saved into this projector when the pattern is switched.

# 4.3. Canceling the flicker adjustment mode

Press "MENU" button on the main unit or remote control unit.

#### Note:

When "MENU" button is pressed, the setting value at that time is saved into this projector and the adjustment mode is canceled.

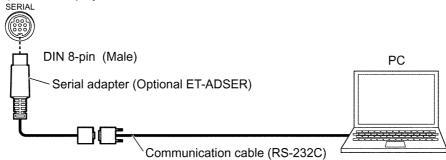
# 5 Using the SERIAL Connector

The serial connector which is on the back connector panel of the projector conforms to RS-232C standard. This projector can be controlled by a PC which is connected as shown in "5.1. Connection".

For controlling this projector by a PC, requires communication software on the market, and inputs control commands according to communication settings and basic format below.

#### 5.1. Connection

Back connector panel of the projector



#### Note:

Use a proper communication cable which is suitable for the PC to connect the optional serial adapter, which is connected with SERIAL connector of this projector, and the PC.

# 5.2. Pin Layout and Signal Names for SERIAL Connector

DIN 8-pin (female) seen from outside



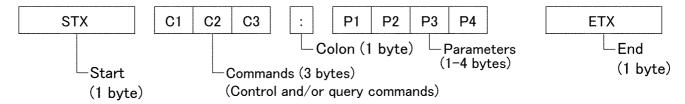
Pin No	Signal Name	Contents	
3	RXD	Receive data	
4	GND	Ground	
5	TXD	Transmit data	
1			
2		Connected internally	
6			
7		NC	
8		NC	

# 5.3. Communication Settings

Signal Level	Contents		Description	
Sync. method		Asynchronous	Synchronizes every 1 character (8 bits)	
Baud rate	Conforms to	9 600 bps	Data transfer speed	
Parity	RS-232C	None	Error detection method	
Character length	standard	8 bits	Number of bit composing 1 character	
Stop bit		1 bit	Uses stop bit when asynchronous method	
X parameter		Not used		
S parameter		Not used		

#### 5.4. Basic Format

The data sent from the PC to the projector is transmitted in the format shown below.



#### Notes:

- If sending multiple commands, check that a call back has been received from the projector for 1 command before sending the next command.
- · When a command which does not require parameters is sent, the colon (:) is not required.

# 5.5. Control / Query Commands

#### **Control Commands**

Command Name (Parameter format is shown in <>)	Function / Contents	Call back from Projector (Parameter format is shown in<>)	Minimum Value of Parameter	Maximum Value of Parameter
PON *	POWER ON	PON		
POF *	POWER OFF	POF	Andreas and a second	
IIS ∶⟨input signal⟩	INPUT SELECT	IIS :(input signal)		
OST	NORMAL	OST		
OFZ :〈off_on〉	FREEZE	OFZ : (off_on)	0	1
OEN :	ENTER	OEN		
VPM: (picture mode)	PICTURE MODE	VPM : (picture mode)		
⟨NOR⟩	NORMAL	⟨NOR⟩		
⟨DYN⟩	DYNAMIC	⟨DYN⟩		
⟨CN1⟩	CINEMA1	⟨CN1⟩		
⟨CN2⟩	CINEMA2	⟨CN2⟩		
⟨CN3⟩	CINEMA3	⟨CN3⟩		
⟨VID⟩	VIDEO	⟨VID⟩		
⟨NAT⟩	NATURAL	⟨NAT⟩		
OMN	MENU	OMN		
OCU	CURSOR UP	ocu		
OCD	CURSOR DOWN	OCD		
OCL	CURSOR LEFT	OCL		
OCR	CURSOR RIGHT	OCR		
OAS	AUTO SETUP	OAS		
OSH *	SHUTTER	OSH		
OVM	PIC.MODE	OVM		
VS1	ASPECT	VS1		
OBK	RETURN	OBK		

<sup>\*</sup> Do not transmit the PON, POF and/or OSH commands continuously in a short time. The lamp may be damaged and/or cause malfunctions.

#### **Query Commands**

Query Command	Contents	Call back from Projector (Parameter format is shown in < >)
QPW QIN	POWER CONDITION INPUT SIGNAL	⟨power condition⟩ ⟨input signal⟩
QPM	PICTURE MODE	⟨NOR⟩=NORMAL
		⟨DYN⟩=DYNAMIC
		⟨CN1⟩=CINEMA1
		⟨CN2⟩=CINEMA2
		⟨CN3⟩=CINEMA3
		⟨VID⟩=VIDEO
		⟨NAT⟩=NATURAL
QFZ	FREEZE	⟨off_on⟩
QSH	SHUTTER	⟨off_on⟩

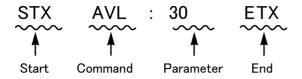
#### **Parameters**

Parameter Format	Parameter Size (Byte)	Parameter Definition	
⟨p ⟩	3 (provided that approves of 1 byte or 2 bytes when control)	Decimal notation without plus/minus sign (0 to 999),  Decimal notation with plus/minus sign (-99 to +99)  (Returns 3 bytes call back from the projector.  Decimal notation without plus/minus sign (000, 001, 002,, 999),  Decimal notation with plus/minus sign (-99, -98,, -01, +00, +01,, +99)	
⟨off_on⟩	1	0=OFF, 1=ON	
⟨input signal⟩	3	VID = VIDEO, SVD = S-VIDEO, RG1 = PC, YUV = YPBPR (PT-AE900E only),	
	THE REAL PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY	HDM = HDMI, CP1 = YPBPR1 (PT-AE900U only),	
		CP2 = YPBPR2 (PT-AE900U only), SCT = SCART (PT-AE900E only)	
⟨installation⟩	1	0=FRONT/DESK, 1=REAR/DESK, 2=FRONT/CEILING, 3=REAR/CEILING	
⟨language⟩	3	ENG=English, DEU=German, FRA=French, ESP=Spanish,	
		ITA=Italian, JPN=Japanese, CHI=Chinese, KOR=Korean, RUS=Russian,	
	and distance of the state of th	POR=Portuguese, SVE=Swedish, NOR=Norwegian, DAN=Danish,	
		POL=Polish, CES=Czech, MAG=Hungarian, THA=Thai	
⟨power condition⟩	3	000=Power OFF, 001=Power ON	
(acctch)	4	Decimal notation without plus/minus sign: 0000 hour to 9999 hours	
⟨lamp power⟩	1	0=LOW, 1=HIGH	
⟨color temp.⟩	1	0=LOW, 1=STD, 2=HIGH	

<sup>\*</sup> If an incorrect command is sent from the PC, the "ER401" command will be sent from the projector to the PC.

#### [Example]

When controls the audio volume to +30 by a PC (Sends commands as the following:)



<sup>·</sup> When a command which does not require parameters is sent, the colon (:) is not required.

# 5.6. Communication Cable Specifications

Serial adapter

	Ochai adaptei		
	5	2	
	3	3	
	WARE COMMITTEE		
	4	5	
П	4 6	6	
+	1	7	
L	2	8	

at the PC (DTE)

			•
1	NC	NC	1
2			2
3			3
4	NC	NC	4
5			5
6	DSR	NC	6
7			7
8			8
9	NC	NC	9

# 5.7. Signal Selector Connecting Cable Specifications

When connecting to a signal selector (ex. TW-SWS62J), use a cable with specifications below.

Connecting method: Connects a video signal cable from the signal selector to "VIDEO IN", and an RGB signal cable to "RGB1 IN".

At the signal selector		At the	serial adapter (DCE)
D-sub 9p (male)			O-sub 9p (male)
Signal Name	Pin No.	Pin No.	Signal Name
NC	1	1	NC
RD Receive data	2	 2	SD Transmit data
SD Transmit data	3	3	RD Receive data
NC	4	4	NC
GND Ground	5	5	GND Ground
NC	6	6	DSR
RS Transmit request	7	 7	CS Transmit permission
CS Transmit permission	8	 8	RS Transmit request
NC	9	9	NC

Serial adapter		
Pin No.	Pin No.	
(cable side)	(projector side)	
2	5	
3	3	
5	4	
6	6	
7	1	
8	2	

#### Note:

Set VP control terminal switch of the signal selector to VP TYPE "B".

# 6 Disassembly Instructions

#### Warning:

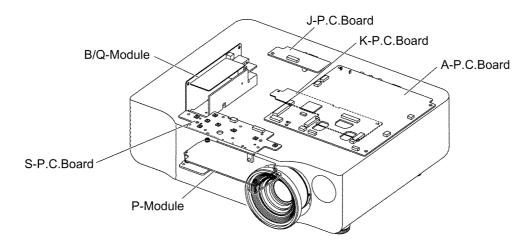
· Be sure to unplug the power cord from the power outlet before disassembling this projector.

#### Caution:

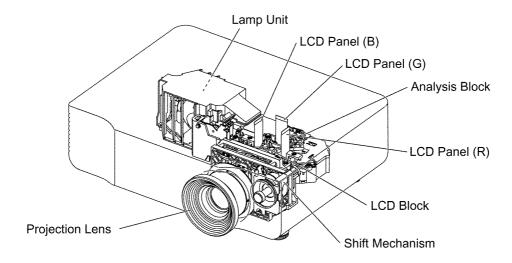
- · While turning over a printed circuit board, be sure to put a insulating material under it to prevent a short circuit.
- · Printed circuit boards and wires must not be pulled forcibly, but be handled carefully.
- · Connectors also must be handled carefully.
- · After repairing this projector, be sure to put back the wires and connectors to the original condition.

#### 6.1. Printed Circuit Board and Main Parts Location

#### **Electrical Parts**

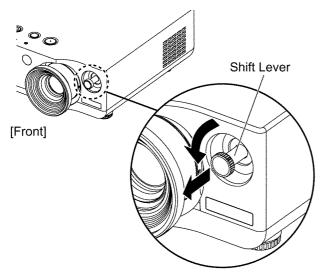


#### **Optical Parts**

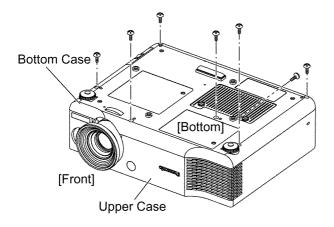


# 6.2. Removal of Upper Case

1. Turn counterclockwise the shift lever and remove it.



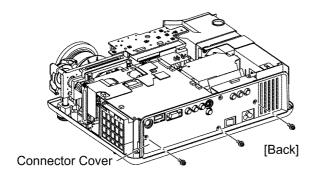
- 2. Turn the projector upside down.
- 3. Unscrew the 7 screws.



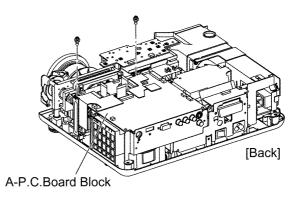
- 4. Return the projector to the normal position.
- 5. Remove the upper case.

#### 6.3. Removal of A-P.C.Board

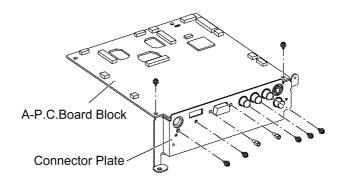
- 1. Remove the upper case according to the section 6.2. "Removal of Upper Case".
- 2. Unscrew the 3 screws and remove the connector cover.



3. Unscrew the 2 screws and remove the A-P.C.Board block.

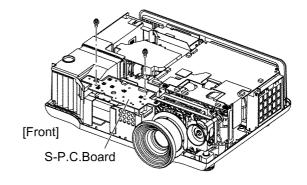


4. Unscrew the 9 screws and remove the connector plate.



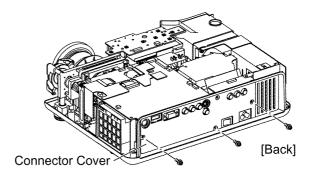
#### 6.4. Removal of S-P.C.Board

- 1. Remove the upper case according to the section 6.2. "Removal of Upper Case".
- 2. Unscrew the 2 screws and remove the S-P.C.Board.



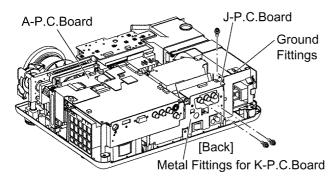
### 6.5. Removal of J-P.C.Board

- 1. Remove the upper case according to the section 6.2. "Removal of Upper Case".
- 2. Unscrew the 3 screws and remove the connector cover.

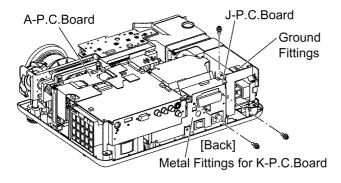


3. Unscrew the 3 screws and remove the J-P.C.Board.

#### [For PT-AE900U]

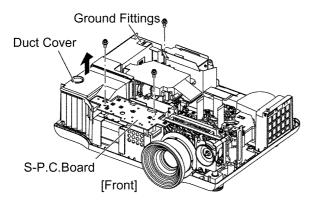


#### [For PT-AE900E]

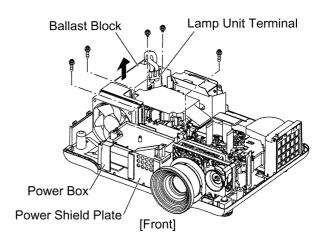


#### 6.6. Removal of B/Q-Module

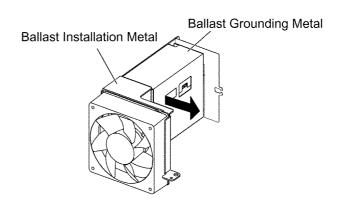
- 1. Remove the upper case according to the section 6.2. "Removal of Upper Case".
- 2. Remove the A-P.C.Board block according to the steps 2 through 3 in the section 6.3. "Removal of A-P.C.Board".
- 3. Unscrew the 2 screws and remove the S-P.C.Board.
- 4. Unhook the hook section and remove the duct cover.
- 5. Unscrew the 1 screw and remove the ground fittings.



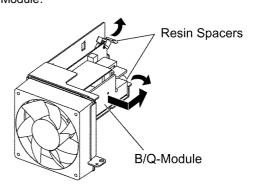
- 6. Unscrew the 1 screw and release the ballast block.
- 7. Unscrew the 2 screws and remove the power box with power shield plate.
- 8. Unscrew the 2 screws and remove the lamp unit terminal.



- 9. Disconnect the connector P2 and remove the ballast block.
- While sliding the ballast grounding metal, unhook the hook section and remove it.

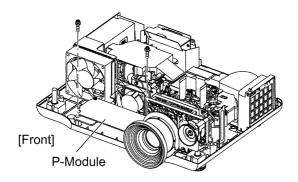


11. Unhook the hook section of resin spacers and remove the B/Q-Module.



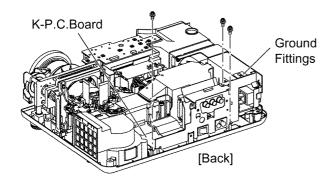
#### 6.7. Removal of P-Module

- Remove the power box according to the steps 1 through 7 in the section 6.6. "Removal of B/Q-Module".
- 2. Unscrew the 2 screws and remove the P-Module.

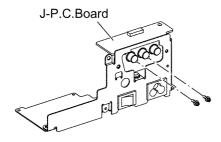


### 6.8. Removal of K-P.C.Board

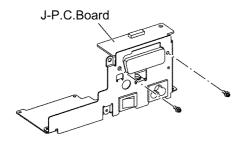
- 1. Remove the A-P.C.Board block according to the steps 1 through 3 in the section 6.3. "Removal of A-P.C.Board".
- 2. Unscrew the 1 screw and remove the ground fittings.
- 3. Unscrew the 2 screws and remove the K-P.C.Board block.



4. Unscrew the 2 screws and remove the J-P.C.Board. [For PT-AE900U]



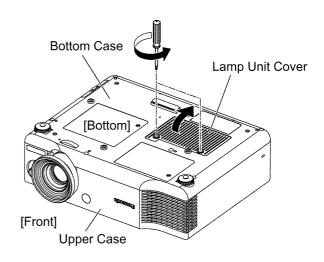
[For PT-AE900E]



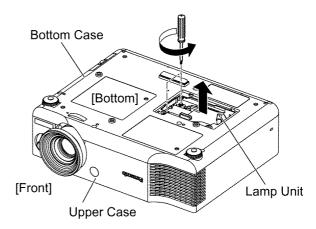
# 6.9. Removal of Lamp Unit

- 1. Turn the projector upside down.
- 2. Loosen the 2 screws until they idle and remove the lamp

unit cover.



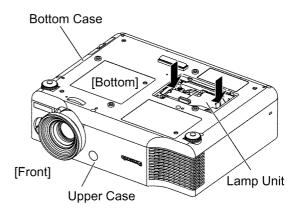
3. Loosen the 2 screws fixing the lamp unit until they idle and remove the lamp unit.



#### Note:

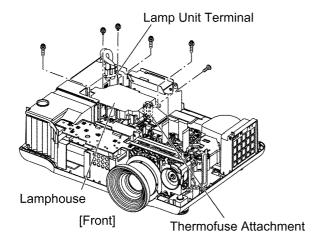
 When installing the lamp unit (or a new one) in the main unit, place it in a specified position and press the connector side and the opposite side of the lamp unit (arrow positions shown in the figure below), and confirm the lamp unit is inserted securely.

Then, tighten the 2 screws fixing the lamp unit, and attach the lamp unit cover.

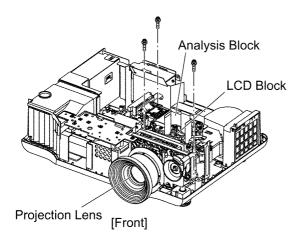


# 6.10. Removal of Analysis Block

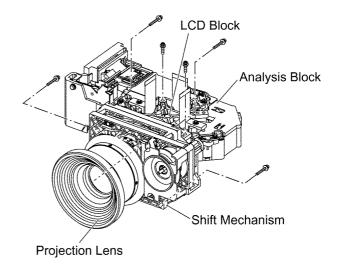
- 1. Remove the lamp unit according to the section 6.9. "Removal of Lamp Unit".
- 2. Remove the A-P.C.Board block according to the steps 1 through 3 in the section 6.3. "Removal of A-P.C.Board".
- 3. Unscrew the 2 screws and remove the lamp unit terminal.
- Unscrew the 1 screw and remove the thermofuse attachment.
- 5. Unscrew the 3 screws and remove the lamphouse.



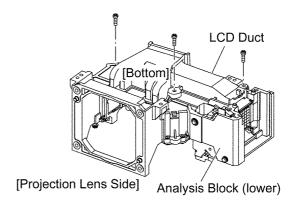
6. Unscrew the 3 screws and remove the block of Analysis Block, LCD Block and Projection Lens Block.



- 7. Unscrew the 2 screws and remove the LCD block.
- 8. Unscrew the 4 screws and remove the projection lens block (with shift mechanism).

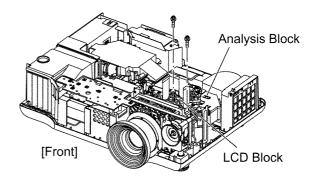


9. Unscrew the 3 screws and remove the LCD duct.



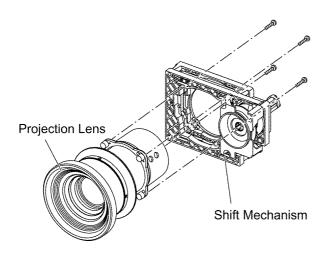
### 6.11. Removal of LCD Block

- 1. Remove the A-P.C.Board block according to the steps 1 through 3 in the section 6.3. "Removal of A-P.C.Board".
- 2. Unscrew the 2 screws and remove the LCD block.



# 6.12. Removal of Projection Lens

- Remove the projection lens block according to the steps 1 through 8 in the section 6.10. "Removal of Analysis Block ".
- 2. Unscrew the 4 screws and separate the projection lens and the shift mechanism.

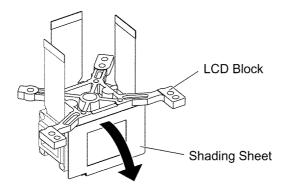


# 6.13. Replacement of LCD Panel

- The procedure is described as an example of LCD panel (B).
- 1. Remove the LCD block according to the section 6.11. "Removal of LCD Block".
- 2. For replacement of LCD panel (B) or (R), remove the shading sheet.

#### Note:

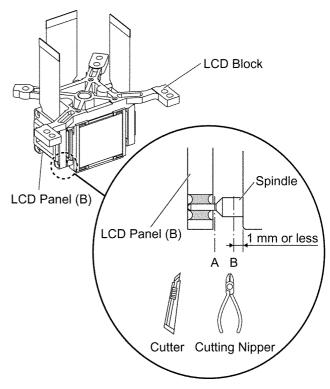
 The shading sheet is adhered with the adhesive sheet. Do not touch the adhesive sheet of the shading sheet because it is adhered on former position after the LCD panel is replaced.



- 3. Cut the 4 LCD panel installation spindles at the position A and remove the LCD panel.
- 4. Cut the 4 LCD panel installation spindles at the position B and remove them.

#### Notes:

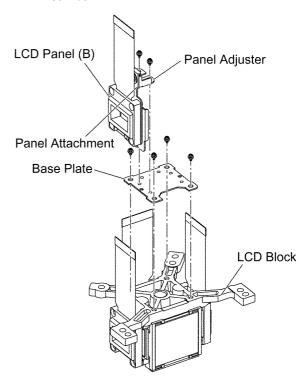
- Work carefully not to apply external force around the spindle part by using a cutter, cutting nipper or the like for cutting the spindle.
- Adjust the height after the spindle is cut to 1 mm or less.



- 5. Attach the base plate with 4 screws.
- 6. Tighten the 2 screws temporarily just until new LCD panel (with the panel attachment and panel adjuster) can be shifted by your fingers.

#### Note:

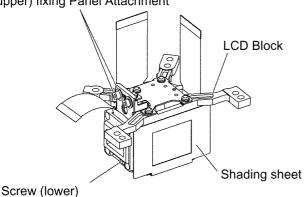
 The panel adjustment fittings set (panel adjuster, panel attachment and base plate) is an option for service.



- 7. Reassemble the projector in the reverse order of disassembling, but leave the upper case and the screws fixing the A-P.C.Board block as they are removed.
- 8. Adjust the convergence according to the section 7.4. "Convergence Adjustment".

- After the adjustment, while paying attention not to vary the adjusting result, tighten the 2 screws (upper) fixing the panel attachment temporarily with a hexagon head wrench.
  - Note:
    - · Prepare a hexagon head wrench processed short.
- 10. Remove the LCD block again.
- 11. Tighten the 3 screws fixing the panel attachment.
- 12. For replacement of LCD panel (B) or (R), adhere the shading sheet as it was.

Hexagon socket screws (upper) fixing Panel Attachment



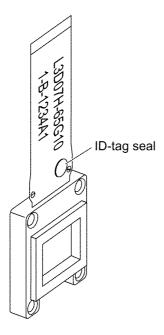
fixing Panel Attachment

13. Reassemble the projector as it was.

#### 6.14. LCD Panel Discrimination

ID-tag seal color	LCD panel
Red	LCD panel (R)
Blue	LCD panel (B)
(No seal)	LCD panel (G)

- Since the ID-tag seal is pasted to the FPC of LCD Panl, (R), (G) or (B) can be easily identified by the color of the seal.
- Finally, identify the panel color by the part number printed on the FPC.



• When replacing LCD Panel, use a component which has the same part number as the original.

LCD panel	Combination 1	Combination 2
R	L5BDAXQ00260 (L3D07H-65G10)	L5BDAXQ00263 (L3D07H-66G10)
G	L5BDAXQ00264 (L3D07H-66G10)	L5BDAXQ00261 (L3D07H-65G10)
В	L5BDAXQ00262 (L3D07H-65G10)	L5BDAXQ00265 (L3D07H-66G10)

# 6.16. Replacement of Projection Polarizer

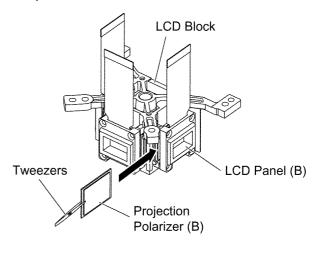
- 1. Remove the LCD block according to the section 6.11. "Removal of LCD Block".
- Remove the projection polarizer which requires replacing.
   (The projection polarizer is adhered with the adhesive tape.)

#### Note:

- Be careful not to damage peripheral components (prism, LCD panel, etc.).
- · Use tweezers.
- 3. Install new projection polarizer.
  - a. Put adhesive tape on the projection polarizer.
  - b. Adhere the projection polarizer on the specified position.

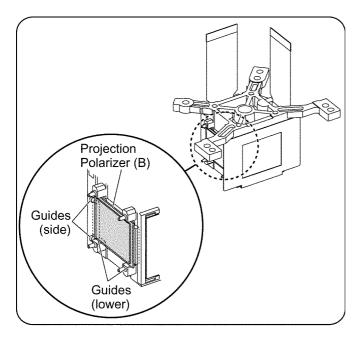
#### Notes:

- · Align the projection polarizer with the guides (lower, side) of LCD block.
- Be careful not to touch the surface of projection polarizer.
- · Use tweezers.
- c. Press the adhesive part and secure the projection polarizer.



#### 6.15. LCD Panel Combination

· Part number is printed on the FPC of LCD Panel.

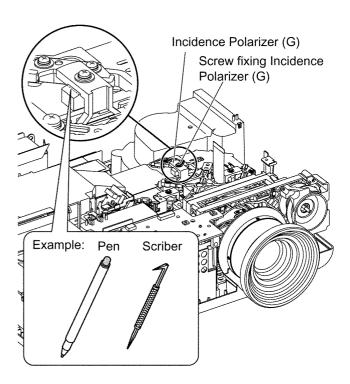


# 6.17. Replacement of Incidence Polarizer

- The procedure is described as an example of incidence polarizer (G).
- 1. Remove the A-P.C.Board block according to the steps 1 through 3 in the section 6.3. "Removal of A-P.C.Board".
- 2. Mark positions of the incidence polarizer.

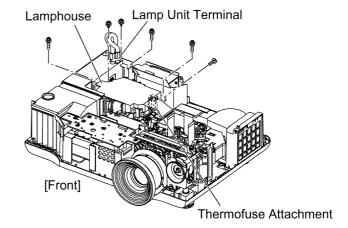
#### Note:

- Mark accurately as possible because the marks will be used for resetting the incidence polarizer position.
- 3. Unscrew the 1 screw and remove the incidence polarizer.
- 4. Attach a new incidence polarizer and align it with the mark.
- 5. Tighten the 1 screw polarizer with care not to move the incidence polarizer position.



# 6.18. Replacement of PBS Array (Analysis Block)

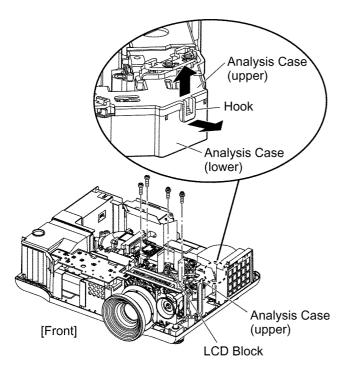
- 1. Remove the A-P.C.Board block according to the steps 1 through 3 in the section 6.3. "Removal of A-P.C.Board".
- 2. Unscrew the 2 screws and remove the lamp unit terminal.
- 3. Unscrew the 1 screw and remove the thermofuse attachment.
- 4. Unscrew the 3 screws and remove the lamphouse.



- 5. Unscrew the 2 screws and remove the LCD block.
- 6. Unscrew the 2 screws.
- 7. Remove the analysis case (upper) while expanding the hook of it outside.

#### Notes:

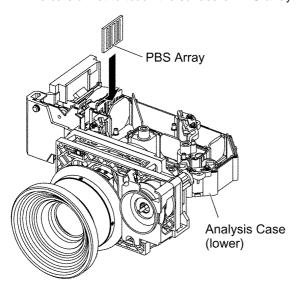
- Because the hook is damaged easily, be careful not to expand it excessively.
- The incidence polarizer (R, G and B) is installed in the analysis case (upper). Handle it with care.



- 8. Remove the PBS array.
- 9. Install new PBS array.

#### Notes:

- Be careful not to mistake the direction (inside/outside, upper/lower).
- · Be careful not to touch the surface of PBS array.

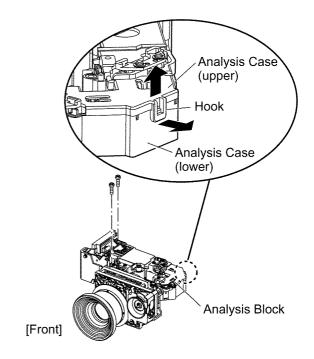


# 6.19. Removal of Iris Unit

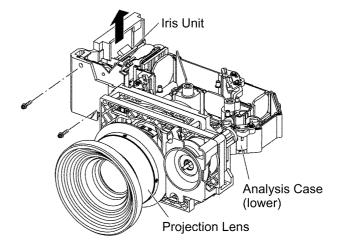
- 1. Remove the analysis block according to the steps 1 through 7 in the section 6.10. "Removal of Analysis Block ".
- 2. Unscrew the 2 screws.
- 3. Remove the analysis case (upper) while expanding the hook of it outside.

#### Notes:

- Because the hook is damaged easily, be careful not to expand it excessively.
- The incidence polarizer (R, G and B) is installed in the analysis case (upper). Handle it with care.

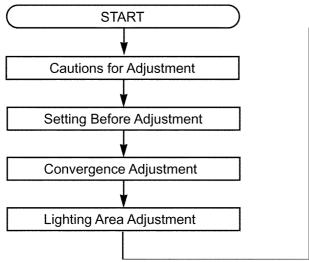


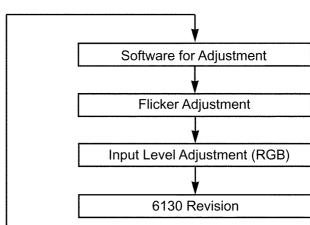
4. Unscrew the 2 screws and remove the iris unit .



# 7 Measurement and Adjustments

# 7.1. Adjustment Procedure Flowchart



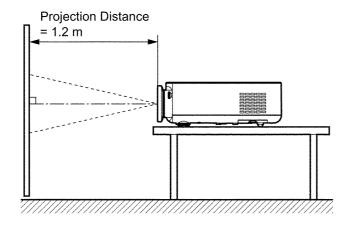


# 7.2. Cautions for Adjustment

- Never turn off the MAIN POWER switch until every fan completely stops.
- To maintain and ensure safety, always use the designated components for replacement parts.
- If removing any clamps, lead wires or connectors, always place them back in their proper locations.
- Be careful not to damage the lead wires or components when using a soldering iron or similar tool.

# 7.3. Setting Before Adjustment

- · Set up the projector to obtain the projection distance below.
- Turn the zoom ring of the projector to obtain the largest size of the picture.



# 7.4. Convergence Adjustment

Execute this adjustment when replacing the LCD panel.

#### 7.4.1. Tools to be used

Service Kit (Part No. TZSH07018): This kit is composed of 3

extension flexible cables and 3 connector extension cables.

#### Note:

 Consult your dealer or Authorized Service Center for the service kit.

#### 7.4.2. Preparation

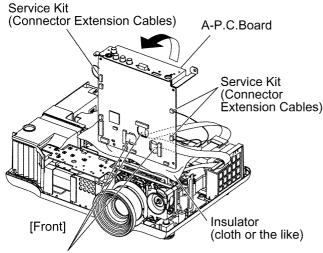
1. Loosen 2 screws fixing the panel adjuster and 3 screws fixing the panel attachment, then tighten the 5 screws temporarily just until the LCD panel can be shifted by your fingers.

#### Note:

- See figures in the section 6.13. "Replacement of LCD Panel" for 2 screws fixing the panel adjuster and 3 screws fixing the panel attachment.
- Reassemble the projector in the reverse order of disassembling, but leave the upper case and the screws fixing the A-P.C.Board block as they are removed.
- 3. Connect the service kit (extension cables).
  - Each flexible cable of LCD Panels (R/G/B) Connectors (A1/A2/A3) on A-P.C.Board
  - Connector (K2) on K-P.C.Board Connector (A9) on A-P.C.Board
  - Thermosensor (Intake air) connector Connector (A7) on A-P.C.Board
  - · Intake fan connector Connector (A15) on A-P.C.Board
- Covering with an insulator (cloth or the like) to prevent a short circuit, set the A-P.C.Board block on the main unit.

#### Note:

 Handle with care not to apply external force to connecting parts which connect the main unit and A-P.C.Board.



Service Kit (Extension Flexible Cables)

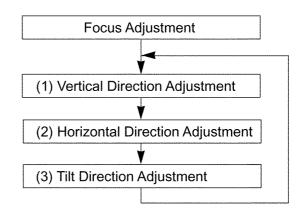
### 7.4.3. Adjustment Procedure

Prepare 2 pieces of thick black paper (23 mm  $\times$  100 mm) that can be shaded.

 Cover and shade LCD panels with the paper except the panel for adjustment.

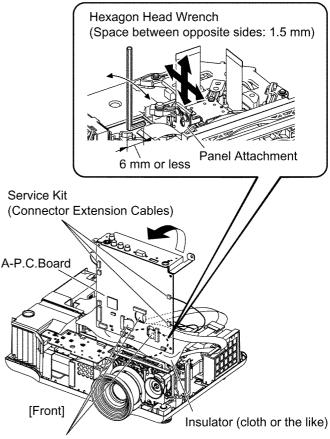
# 7.4.3.1. When replacing single LCD panel (R, G or B)

- The procedure is described as an example when LCD panel (B) is replaced.
- 1. Display the green crosshatch pattern and adjust the lens focus.
- 2. Display green and blue crosshatch patterns.
- 3. Adjust focus by shifting the panel adjuster for LCD panel (B) back and forth, then tighten the 2 screws.
- 4. Adjust the LCD panel (B) position so that the vertical center of blue crosshatch pattern is overlapped with the vertical center of green crosshatch pattern.
- Adjust the LCD panel (B) position so that the horizontal center of blue crosshatch pattern is overlapped with the horizontal center of green crosshatch pattern.
- 6. Correct the tilt of the blue crosshatch pattern by adjusting the LCD panel (B) position.
- 7. Display green, red and blue crosshatch patterns and confirm the convergence. If it is necessary, fine adjust the convergence so that the red and/or blue crosshatch pattern is overlapped with green one.



Repeat steps (1) to (3) until the green and blue crosshatch patterns merge into a cyan pattern.

8. After the adjustment, reassemble the projector according to the section 6.13. "Replacement of LCD Panel".



Service Kit (Extension Flexible Cables)

# 7.5. Lighting Area Adjustment

#### 7.5.1. Tools to be used

Service Kit (Part No. TZSH07018): This kit is composed of 3 extension flexible cables and 3 connector extension cables.

#### Note:

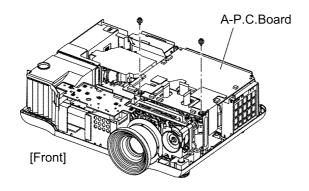
 Consult your dealer or Authorized Service Center for the service kit.

#### 7.5.2. Preparation

1. Remove the upper case and the connector cover according

to the steps 1 through 2 in the section 6.3. "Removal of A-P.C.Board".

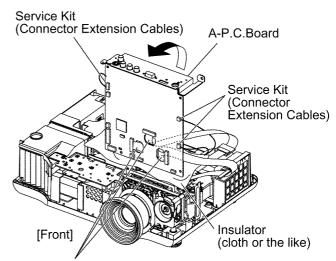
#### 2. Unscrew the 2 screws.



- 3. Connect the service kit (extension cables).
  - Each flexible cable of LCD Panels (R/G/B) Connectors (A1/A2/A3) on A-P.C.Board
  - Connector (K2) on K-P.C.Board Connector (A9) on A-P.C.Board
  - Thermosensor (Intake air) connector Connector (A7) on A-P.C.Board
  - · Intake fan connector Connector (A15) on A-P.C.Board
- 4. Covering with an insulator (cloth or the like) to prevent a short circuit, set the A-P.C.Board block on the main unit.

#### Note:

 Handle with care not to apply external force to connecting parts which connect the main unit and A-P.C.Board.



Service Kit (Extension Flexible Cables)

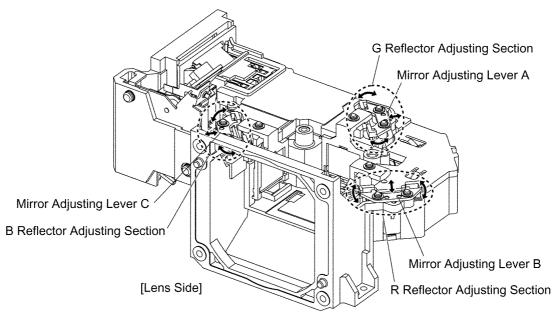
#### 7.5.3. Adjustment Procedure

#### 7.5.3.1. Outline

When the lighting area is off from the adjustment and color unevenness appears, adjust the lighting area into correct position.

Symptom	Measure	
Magenta unevenness	G Reflector Adjustment	
Cyan unevenness	R Reflector Adjustment	
Yellow unevenness	B Reflector Adjustment	

- Shifting the mirror adjusting lever horizontally, adjust color unevenness on the screen upper/lower sides.
- Twisting the mirror adjusting lever, adjust color unevenness on the screen right/left sides.



[Above figure is shown only the analysis block for explanation.]

#### 7.5.3.2. G Reflector Adjustment

- 1. Turn on the power and display 100 % white pattern on the screen.
- 2. Loosen the 2 screws fixing the mirror adjusting lever A just until the lever can be shifted.
- Adjust the mirror adjusting lever A position to minimize color unevenness on the screen by shifting the lever in arrow directions.
- 4. Tighten the 2 screws.

#### 7.5.3.3. R Reflector Adjustment

- Turn on the power and display 100 % white pattern on the screen.
- Loosen the 2 screws fixing the mirror adjusting lever B just until the lever can be shifted.
- Adjust the mirror adjusting lever B position to minimize color unevenness on the screen by shifting the lever in arrow directions.
- 4. Tighten the 2 screws.

#### 7.5.3.4. B Reflector Adjustment

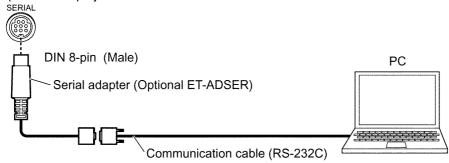
- 1. Turn on the power and display 100 % white pattern on the screen.
- Loosen the 2 screws fixing the mirror adjusting lever C just until the lever can be shifted.
- Adjust the mirror adjusting lever C position to minimize color unevenness on the screen by shifting the lever in arrow directions.
- 4. Tighten the 2 screws.

# 7.6. Software for Adjustment

#### **7.6.1.** Outline

- · This projector needs computer-aided adjustments.
- · After the software adjustments, this projector must be turned off and on again to memorize the settings.
- · Connect the cable between the projector and a PC as shown below.
- · Updating the software will change the version number.

Back connector panel of the projector



### 7.6.2. Operating Procedure

1. Run the software program by the keyboard entry.

#### Note:

· Use the software program as below.

Adjustment Tool [AE900]

- 2. The first menu is Port selection menu.
- 3. Adjust the projector by selecting the necessary item from the menu in each stage.

#### 7.6.3. Port Selection Menu



Select the port name of PC which connects with the projector, then click [Data] or [Adjustment] button.

#### 7.6.3.1. Explanation of Buttons

#### Data:

Displays the data transmission/reception menu.

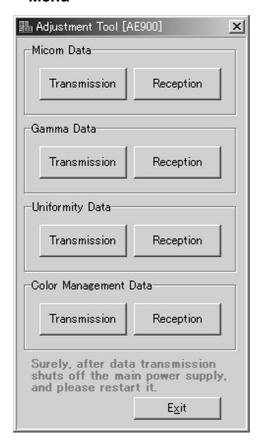
#### Adjustment:

Displays the adjustment menu.

#### Exit:

Exits this application.

# 7.6.4. Data Transmission/Reception Menu



#### 7.6.4.1. Explanation of Buttons

#### **Micom Data Transmission:**

Reads the microcomputer data from the file and transmits it to the projector.

#### Micom Data Reception:

Receives the microcomputer data from the projector and writes it in the file.

#### **Gamma Data Transmission:**

Reads the gamma data from the file and transmits it to the projector.

#### Gamma Data Reception:

Receives the gamma data from the projector and writes it in the file.

#### **Uniformity Data Transmission:**

Reads the color unevenness correction data from the file and transmits it to the projector.

#### **Uniformity Data Reception:**

Receives the color unevenness correction data from the

projector and writes it in the file.

#### **Color Management Data Transmission:**

Reads the color management data from the file and transmits it to the projector.

#### **Color Management Data Reception:**

Receives the color management data from the projector and writes it in the file.

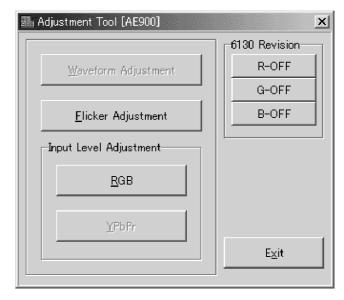
#### Exit:

Exits this application.

# 7.6.4.2. Receiving and sending of the data

Click a target button and specify a file name.

#### 7.6.5. Adjustment Menu



#### 7.6.5.1. Explanation of Buttons

#### Flicker Adjustment:

Displays Flicker Adjustment menu.

#### Input Level Adjustment [RGB]:

Displays Input Level Adjustment (RGB) menu.

#### 6130 Revision [R-OFF]:

Resets the individual adjustment value of IC that controls R.

#### 6130 Revision [G-OFF]:

Resets the individual adjustment value of IC that controls G.

#### 6130 Revision [B-OFF]:

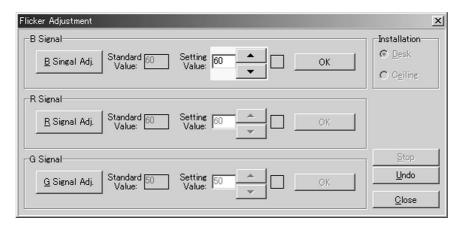
Resets the individual adjustment value of IC that controls B.

#### Exit:

Exits this application.

### 7.7. Flicker Adjustment

#### 7.7.1. Adjustment Menu



#### 7.7.2. Explanation of Buttons

#### B Signal Adj.:

Sets the test signal mode to the B-signal and allows the " \_\_\_\_ ", " \_\_\_ " and "OK" buttons of the B-signal to becomes active.

#### R Signal Adj.:

Sets the test signal mode to the R-signal and allows the " \_\_\_\_ ", " \_\_\_ " and "OK" buttons of the R-signal to becomes active.

#### G Signal Adj.:

Sets the test signal mode to the G-signal and allows the " \_\_\_\_ ", " \_\_\_ " and "OK" buttons of the G-signal to becomes active.



Changes the setting value and transmits its data. (The 8 and 2 keys on the keyboard have the same functions.) If releasing the mouse or key after pressing it continuously, the data is transmitted once. The variable setting value is enclosed in a box and using the TAB or SPACE key allows the move of the box.

#### OK:

Determines the setting value and stores its data in the EEPROM. (The ENTER key on the keyboard has the same function.) The item having two or more kinds of setting values is processed two or more items. Clicking this button or pressing ENTER key changes the color of the text "OK" to cyan (light blue). If changing the setting value using the " A " or " T button or the 8 or 2 key, its color returns to black.

#### Stop:

Discontinues the communication. (This button is usually set for its inactive mode.)

#### Undo:

Returns the setting value to its original state and transmits its data. The color of the text "OK" returns to black.

#### Close:

Closes this menu.

#### 7.7.3. Equipment to be used

PC, Software for Adjustment

#### 7.7.4. Adjustment Procedure

- 1. Display Flicker Adjustment menu.
- 2. Click "B Signal Adj," and the blue flicker adjustment pattern will be displayed.
- 3. Minimize the flicker while observing the projected pattern.
- 4. Click "R Signal Adj," and the red flicker adjustment pattern will be displayed.
- 5. Minimize the flicker while observing the projected pattern.
- 6. Click "G Signal Adj," and the green flicker adjustment pattern will be displayed.
- 7. Minimize the flicker while observing the projected pattern.

# 7.8. Input Level Adjustment (RGB)

#### 7.8.1. Adjustment Menu



#### 7.8.2. Explanation of Buttons

#### OK:

Executes automatic sub contrast and sub brightness adjustments, then closes this dialog.

#### Cancel:

Cancels this menu.

#### 7.8.3. Equipment to be used

PC, RGB Signal Generator, Software for Adjustment

#### 7.8.4. Adjustment Procedure

1. Display Input Level Adjustment (RGB) menu.

2. Input a window pattern signal to PC IN (RGB) connector.

#### Note:

· Use approx. 15 % window pattern as follows.

Black background (screen width) : White window width = 2:1

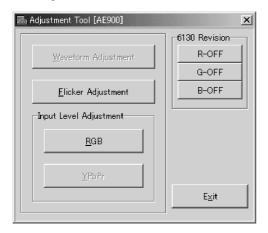
Black background (screen height): White window height = 3:1

3. Click the OK button.

#### 7.9. 6130 Revision

When you replaced the sampling hold IC (IC1053, IC1055, IC1057), set "6130 Revision" corresponding to replaced IC into OFF.

#### 7.9.1. Adjustment Menu



#### 7.9.2. Equipment to be used

PC, Software for Adjustment

#### 7.9.3. Adjustment Procedure

- 1. Display the adjustment menu.
- 2. Click [\*-OFF] button corresponding to replaced IC.
  - · Replacement of IC1053: B-OFF
  - · Replacement of IC1055: G-OFF
  - · Replacement of IC1057: R-OFF

#### Note:

 When the button is clicked, individual adjustment values of IC is reset into the initial value when shipped.

# 8 Troubleshooting

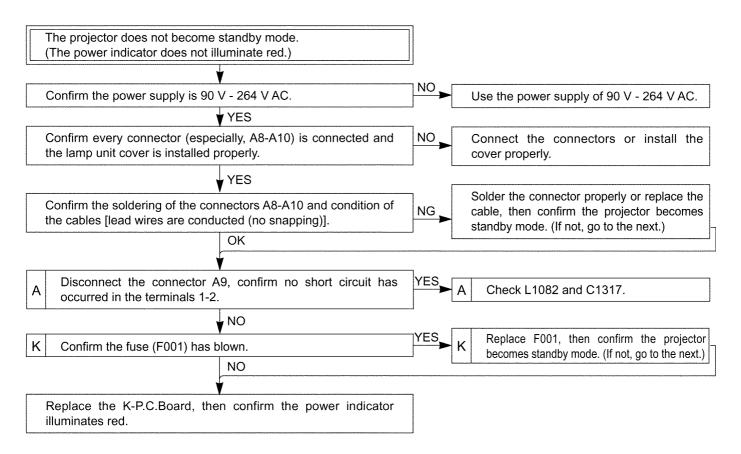
The letters in the left of the inspection items indicate the P.C.Boards or Modules related to their respective descriptions.

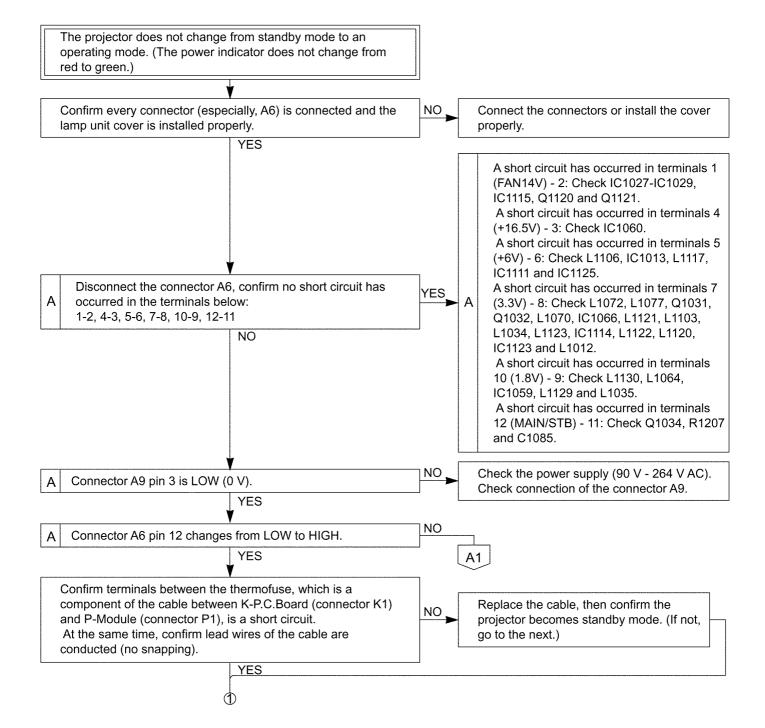


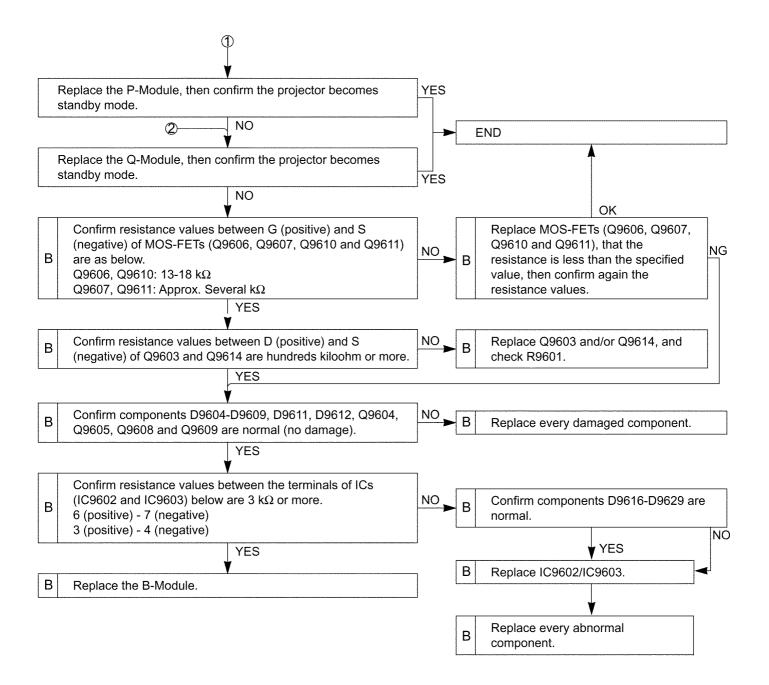
The letter of the alphabet indicates the P.C.Board or Module name.

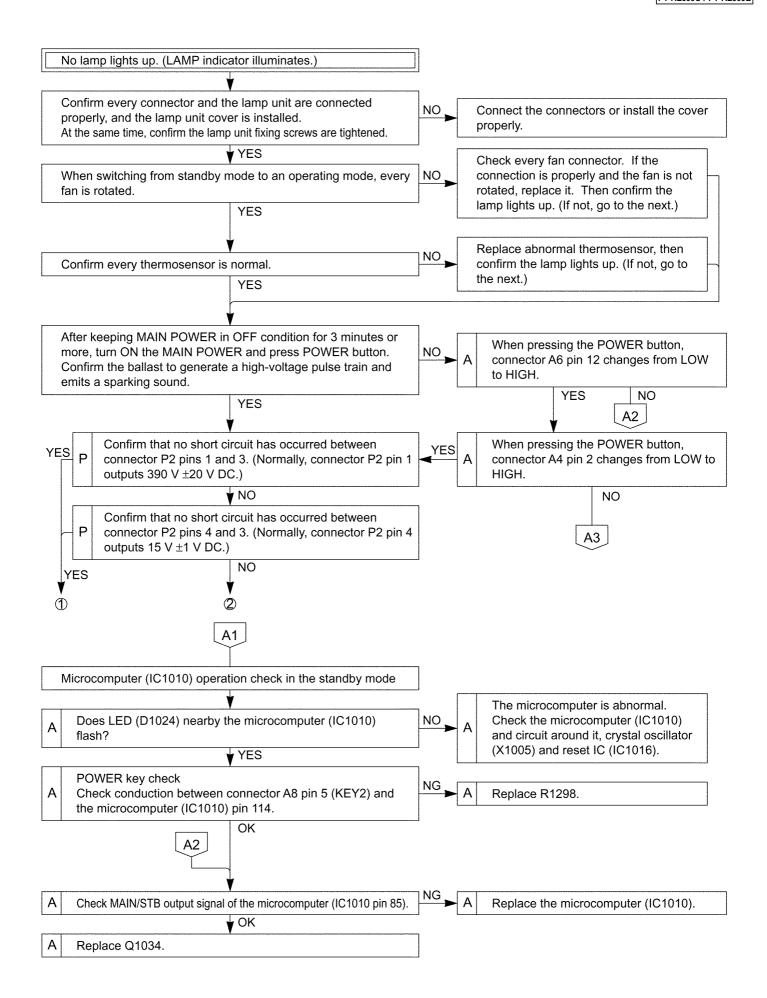
(Example) A: A-P.C.Board, B: B-Module

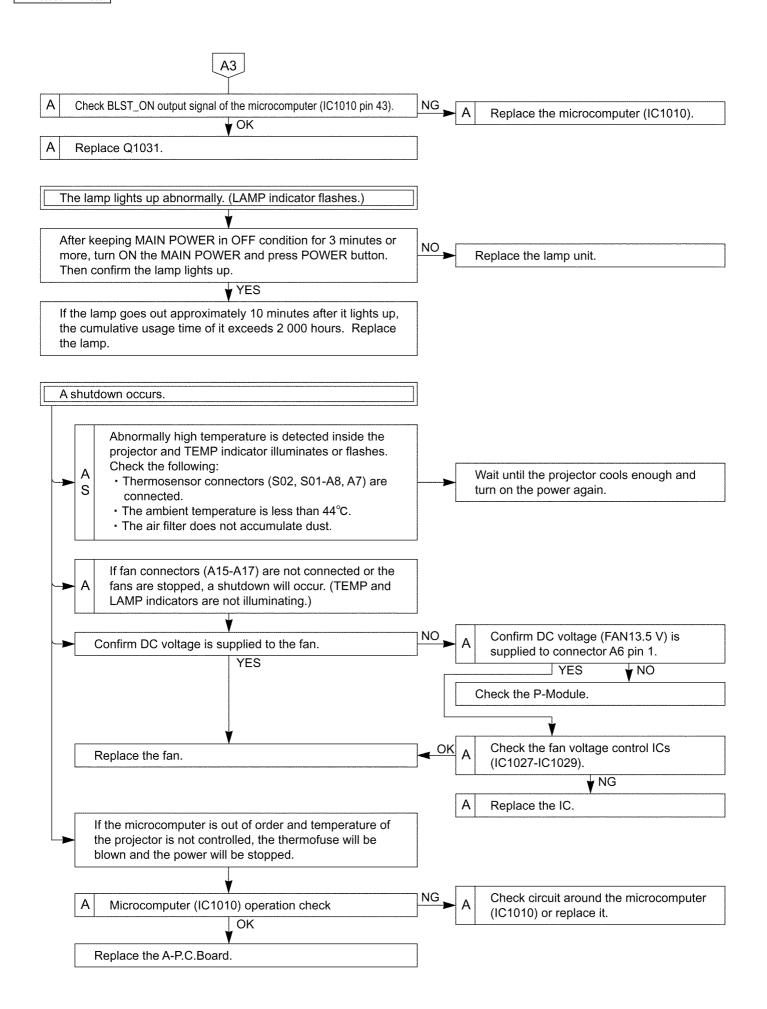
If replacing A-P.C.Board (assembly), read the ROM data from the old P.C.Board and write it in the new one according to the section 8.6. "Software for Adjustment". At this time, if the readout from the old P.C.Board does not succeed, remove IC1061 and IC1063 from the old P.C.Board and install them on the new one. If replacing A-P.C.Board (assembly), adjust RGB Input Level according to the chapter 8.8. "Input Level Adjustment (RGB)".

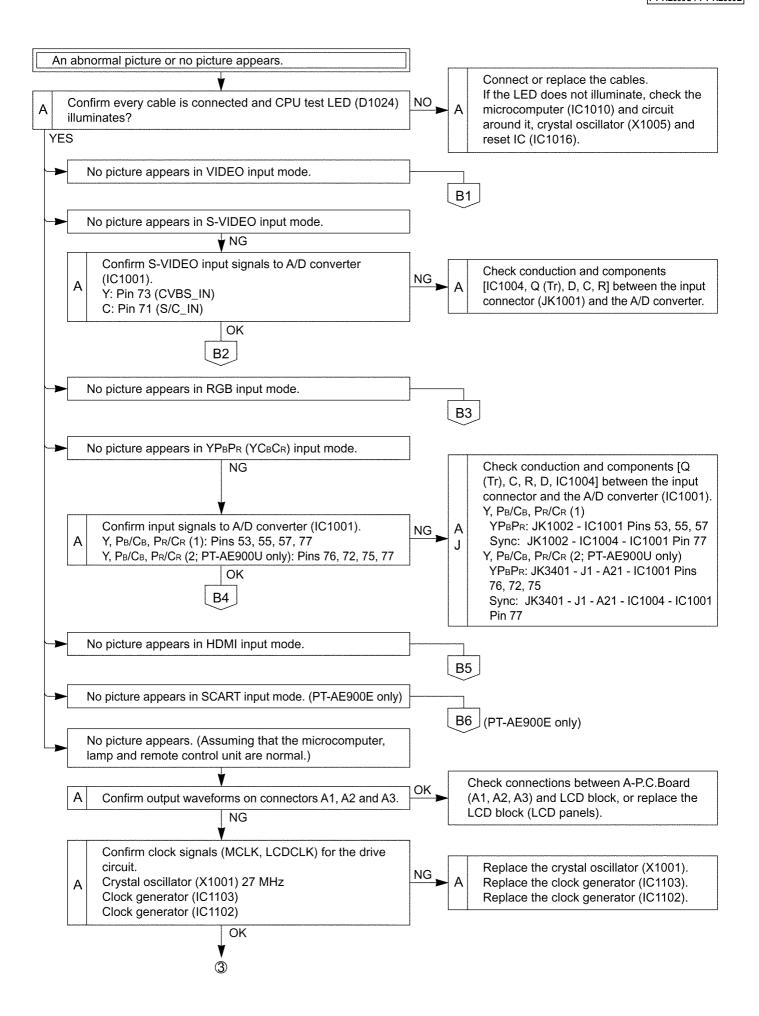


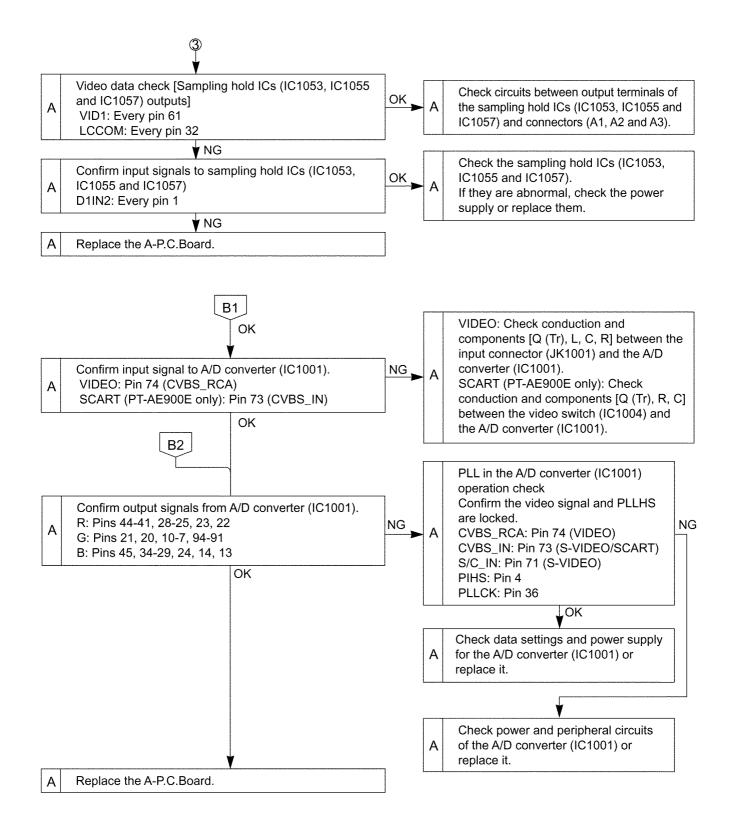


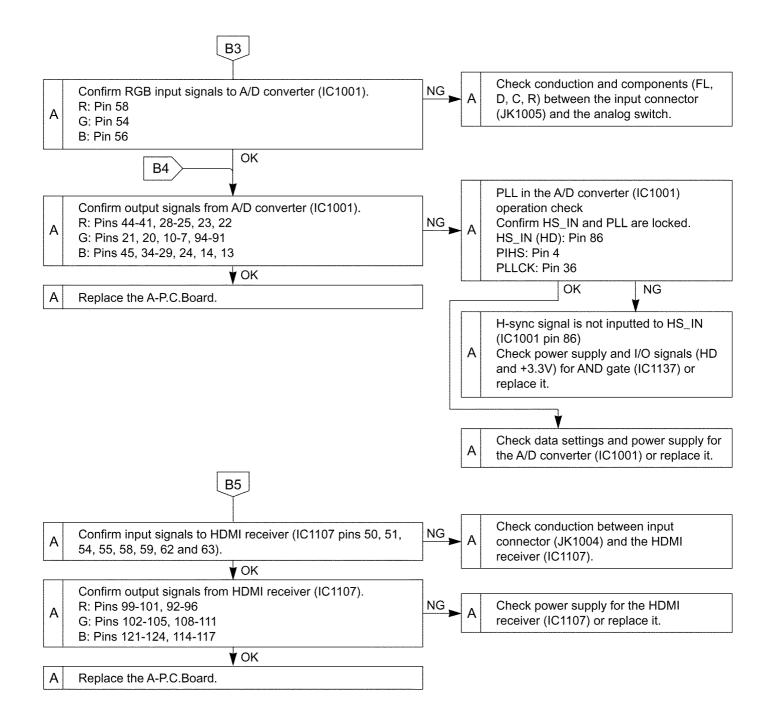


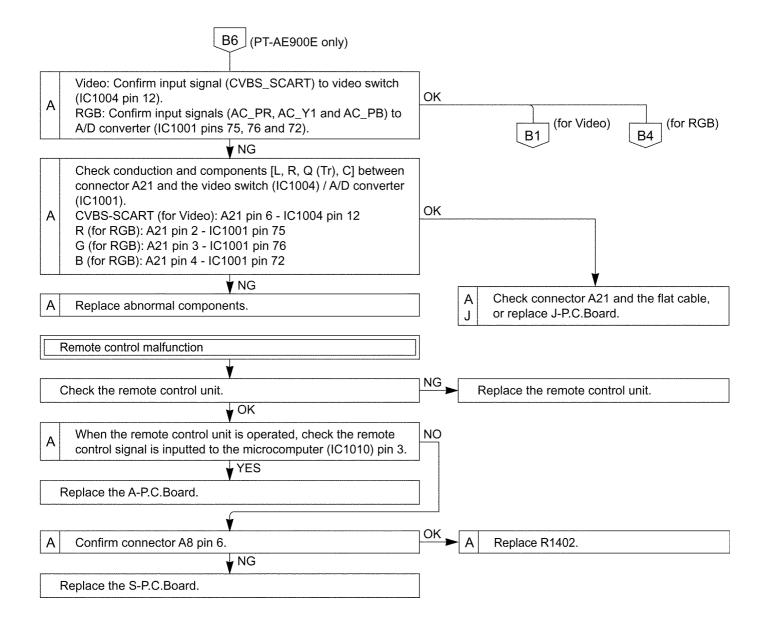






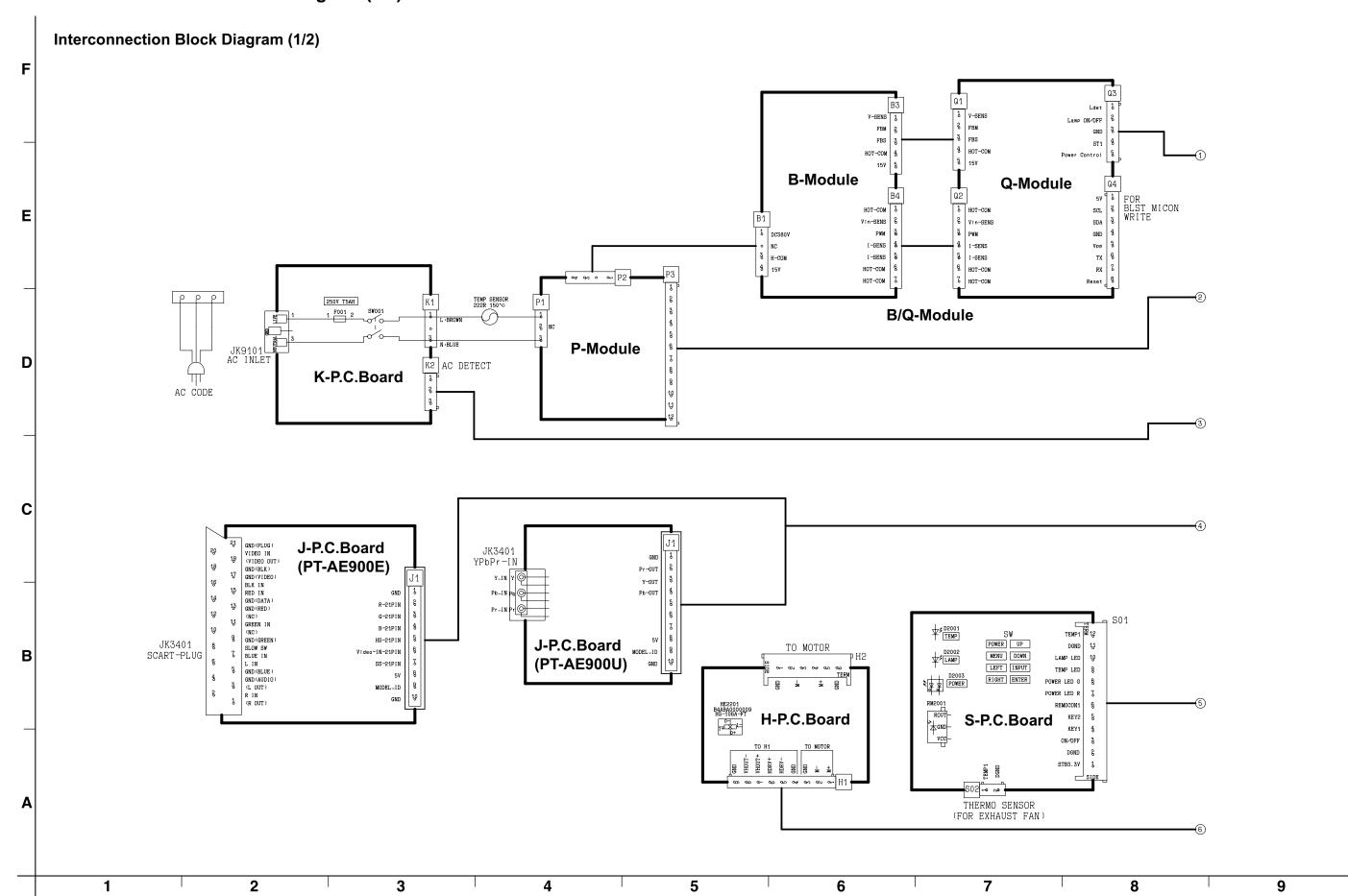




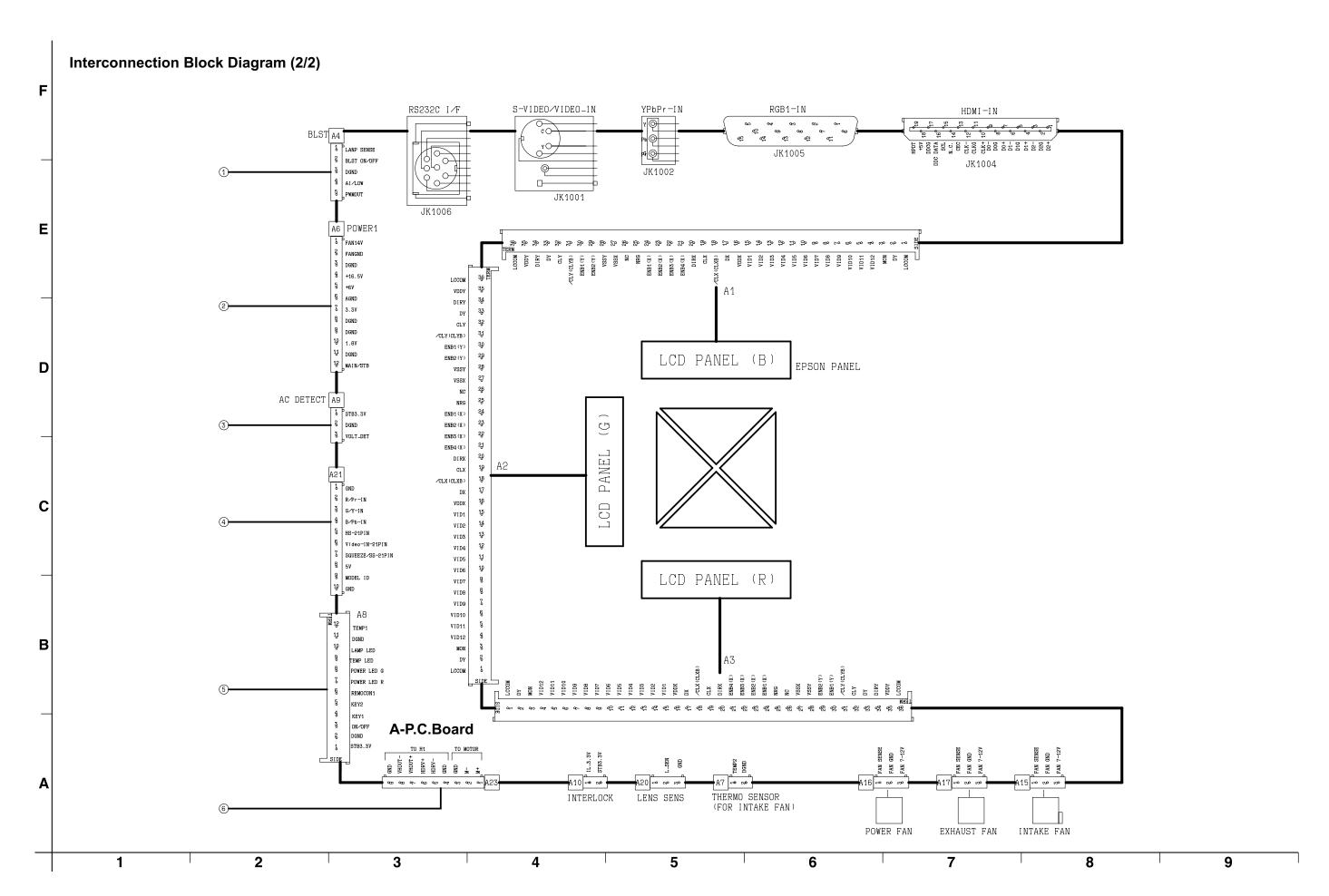


# 9 Interconnection Block Diagram

## 9.1. Interconnection Block Diagram (1/2)

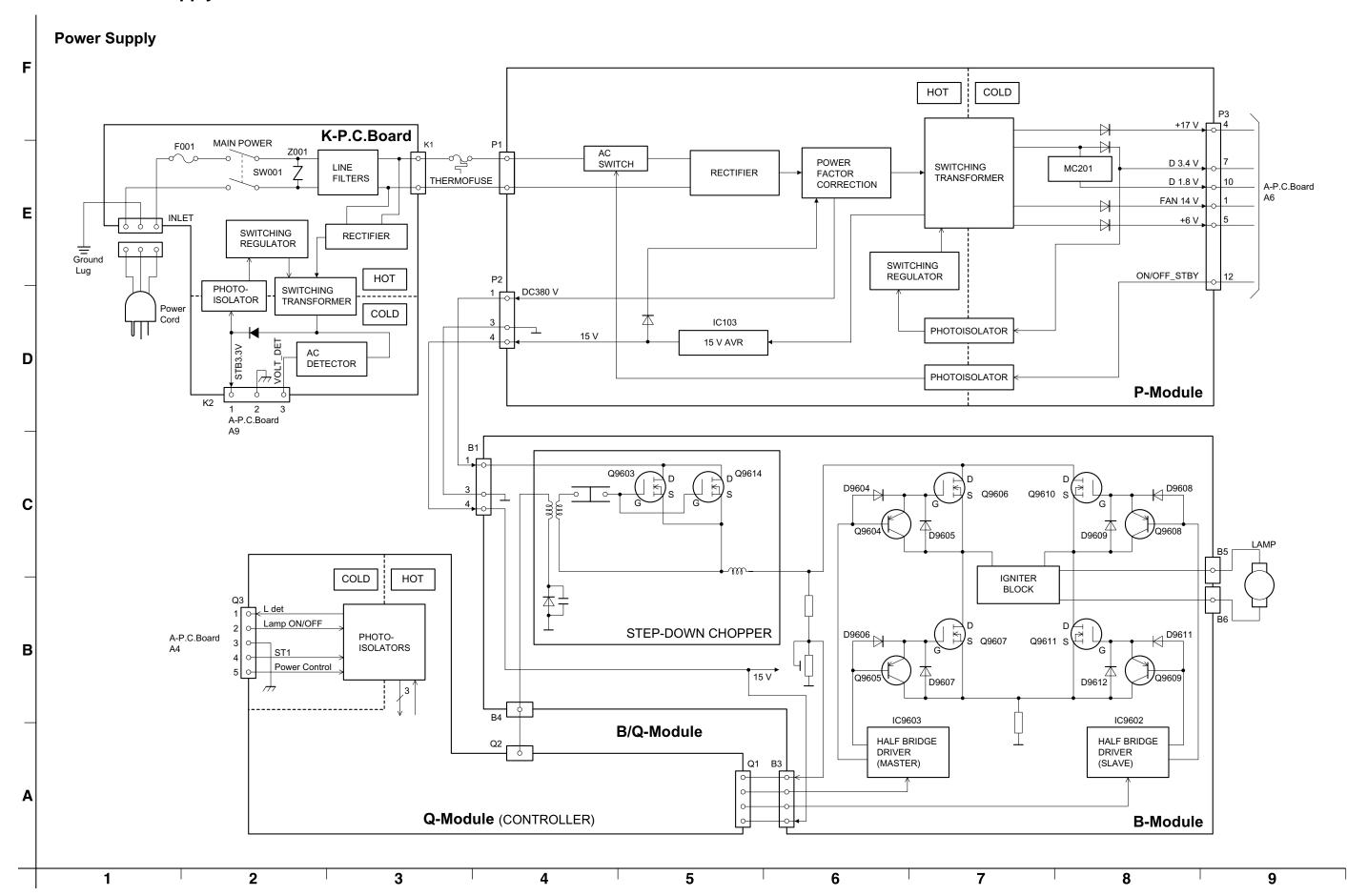


## 9.2. Interconnection Block Diagram (2/2)

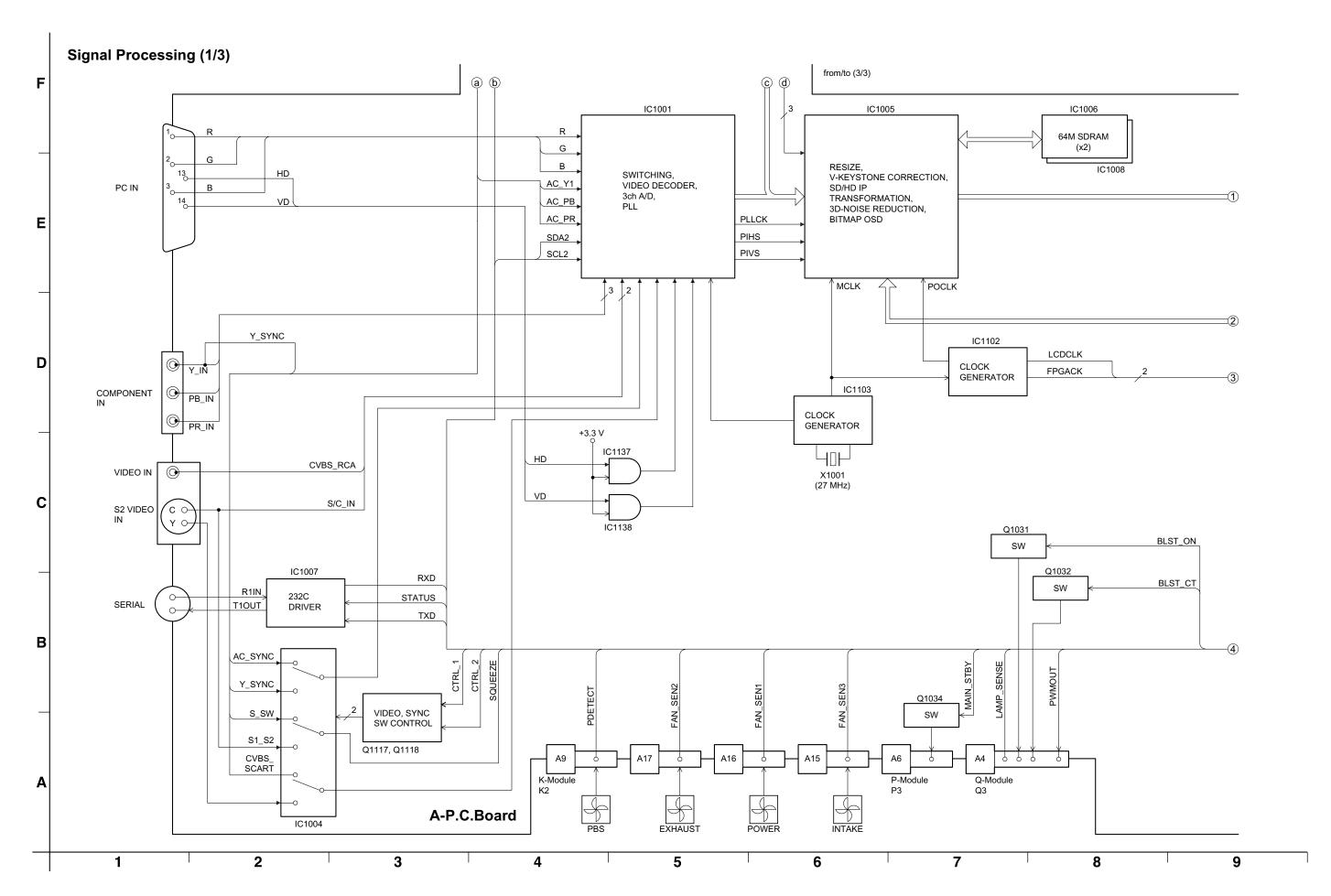


# 10 Block Diagram

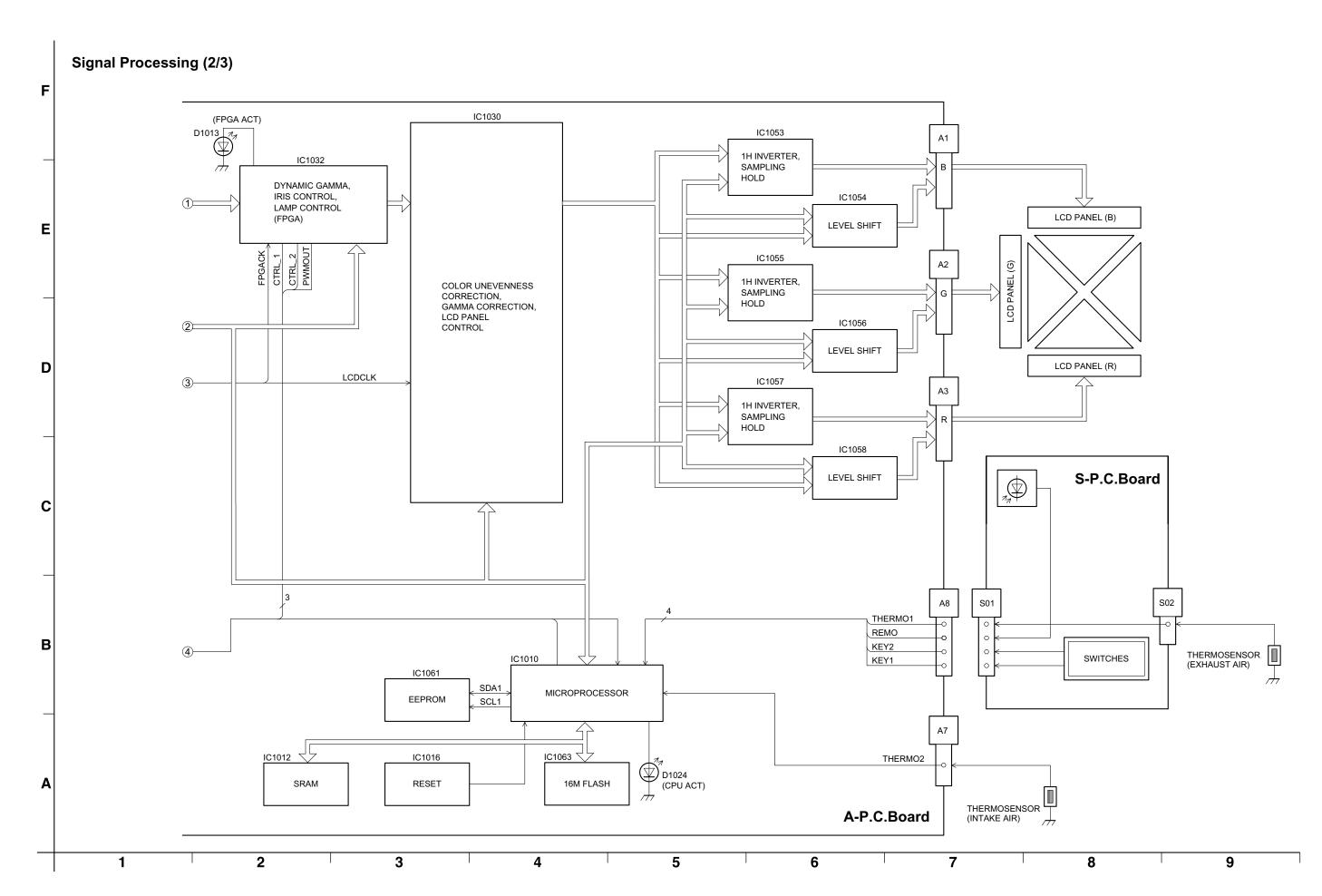
## 10.1. Power Supply



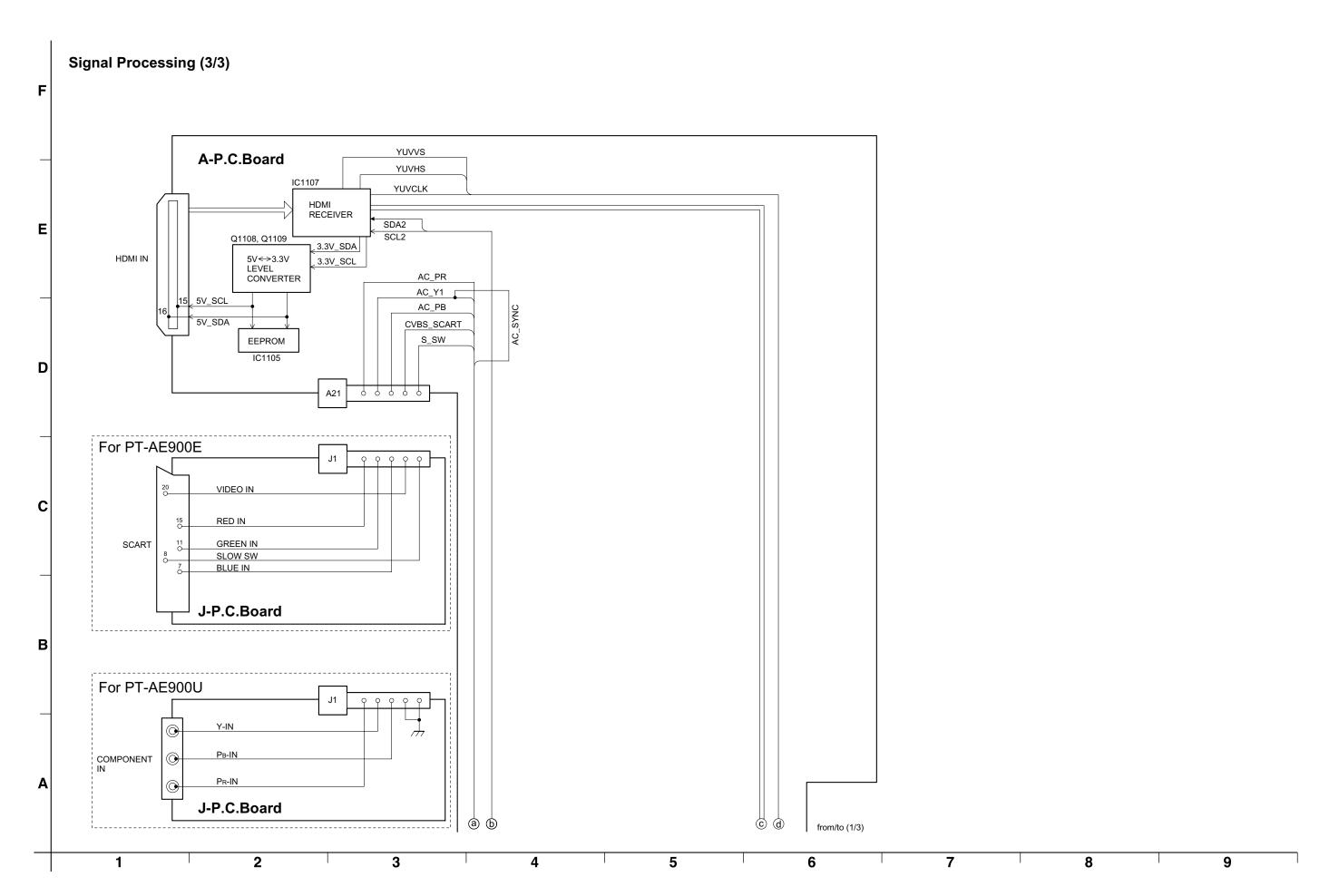
## 10.2. Signal Processing (1/3)



## 10.3. Signal Processing (2/3)



# 10.4. Signal Processing (3/3)



## 11 Schematic Diagram

## Schematic Diagram for Model PT-AE900U

IMPORTANT SAFETY NOTICE

THE SHADED AREA ON THIS SCHEMATIC DIAGRAM INCORPORATES SPECIAL FEATURES IMPORTANT FOR PROTECTION FROM FIRE AND ELECTRICAL SHOCK HAZARDS.

WHEN SERVICING, IT IS ESSENTIAL THAT ONLY MANUFACTURER'S SPECIFIED PARTS BE USED FOR THE CRITICAL COMPONENTS IN THE SHADED AREAS OF THE SCHEMATIC.

# **Schematic Diagram for Model PT-AE900E**

Important	Safety	Notice	
-----------	--------	--------	--

Components identified by the international symbol Ahave special characteristics important for safety. When replacing any of these components, use only the manufacturer's specified ones.

#### Notes:

#### 1. Resistor

All the resistors are carbon 1/4W resistors, unless marked as follows: The unit of resistance is an OHM  $[\Omega]$  (K=1 000 M=1 000 000).

O : Nonflammable

X: Metal Oxide

△ : Solid

O: Metal Film

: Wire Wound

🛇 : Fuse

2. Capacitor

<sup>†</sup>∄<sup>−</sup> : Electrolytic

M : Polyester

(m): Metalized Polyester

① : Dipped Tantalum

②: Z-Type

### 3. Coil

The unit of inductance is a H, unless otherwise noted.

#### 4. Test Point

: Test Point

#### 5. Voltage Measurement

The voltage is measured by an electronic voltmeter receiving the colorbar signal when all the customer's controls are set to the standard condition.

### 6. Color code for the links between diagrams and circuit boards

From/To	\$ E	To/From	Color code
Block diagram	<b></b>	Schematic diagram	Magenta
Schematic diagram		Schematic diagram	Green
Schematic diagram	<b>\</b>	Circuit boards	Yellow
Schematic diagram	<b>\</b>	Waveforms	Cyan (Light blue)

#### 7. HOT and COLD indications

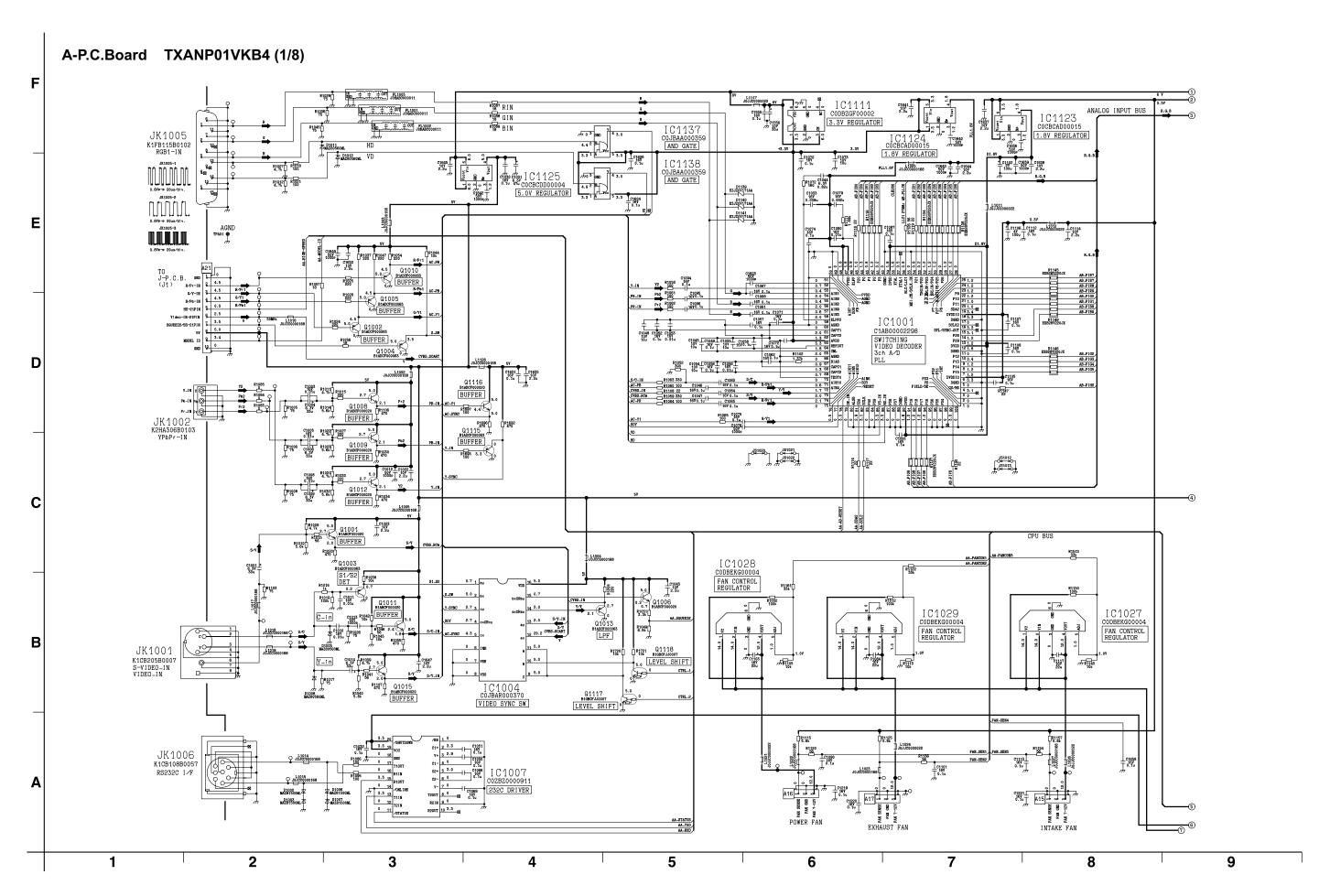
The power circuit board contains a circuit area using a separate power supply to isolate the ground connection. The circuit is defined by HOT and COLD indications in the schematic diagram. Take the precautions below:

8. This schematic diagram is the latest at the time of printing and the subject to change without notice.

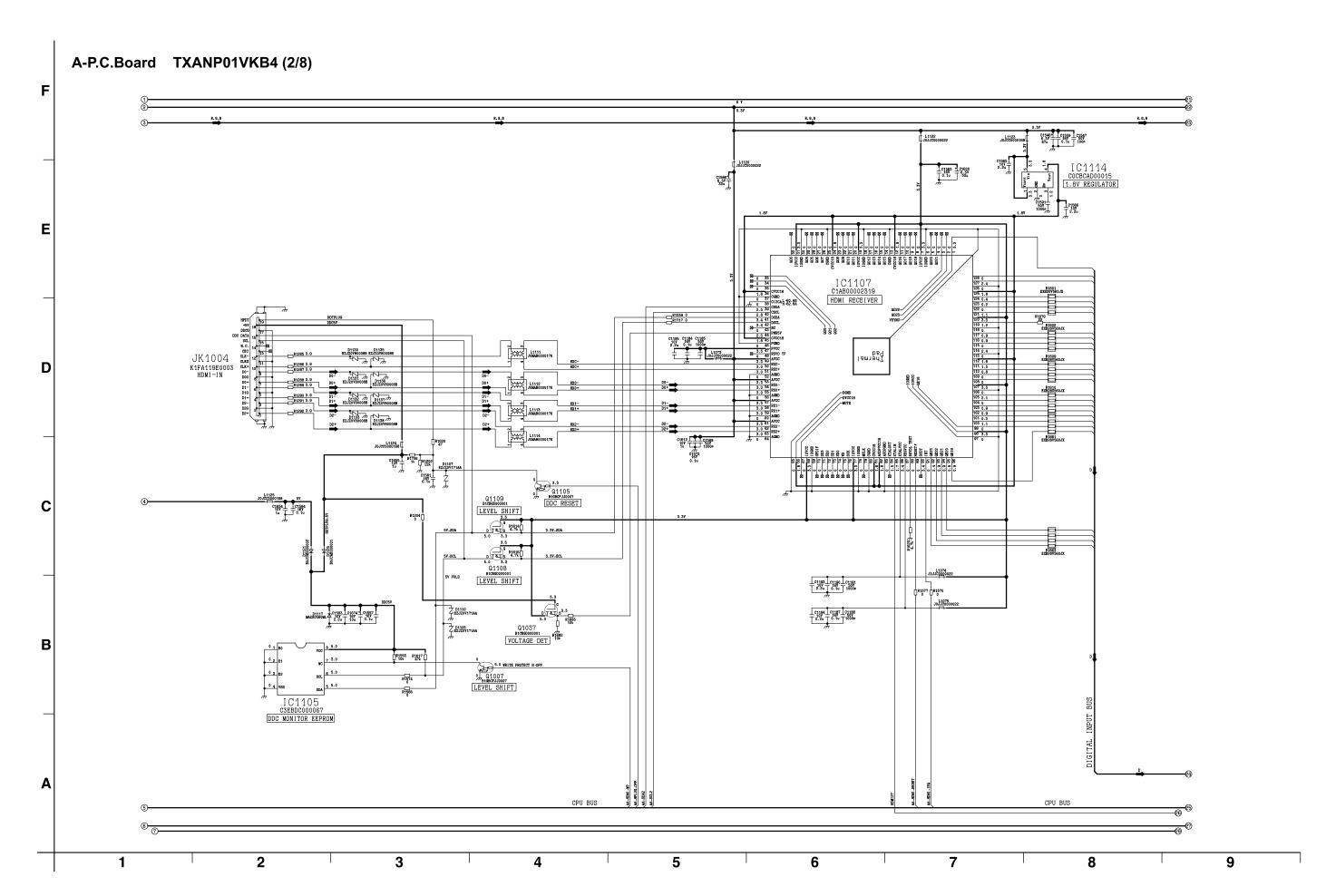
#### Precautions:

- 1. NEVER touch the HOT part or the HOT and COLD parts at the same time, or you may get an electric shock.
- 2. NEVER short-circuit the HOT and COLD circuits, or the fuse may blow and the parts may break.
- 3. NEVER connect an instrument such oscilloscope to the HOT and COLD circuit simultaneously, or the fuse may blow. Connect the ground of instruments to the ground of the circuit being measured.
- 4. MAKE SURE to unplug the power cord from the power outlet before removing the chassis.

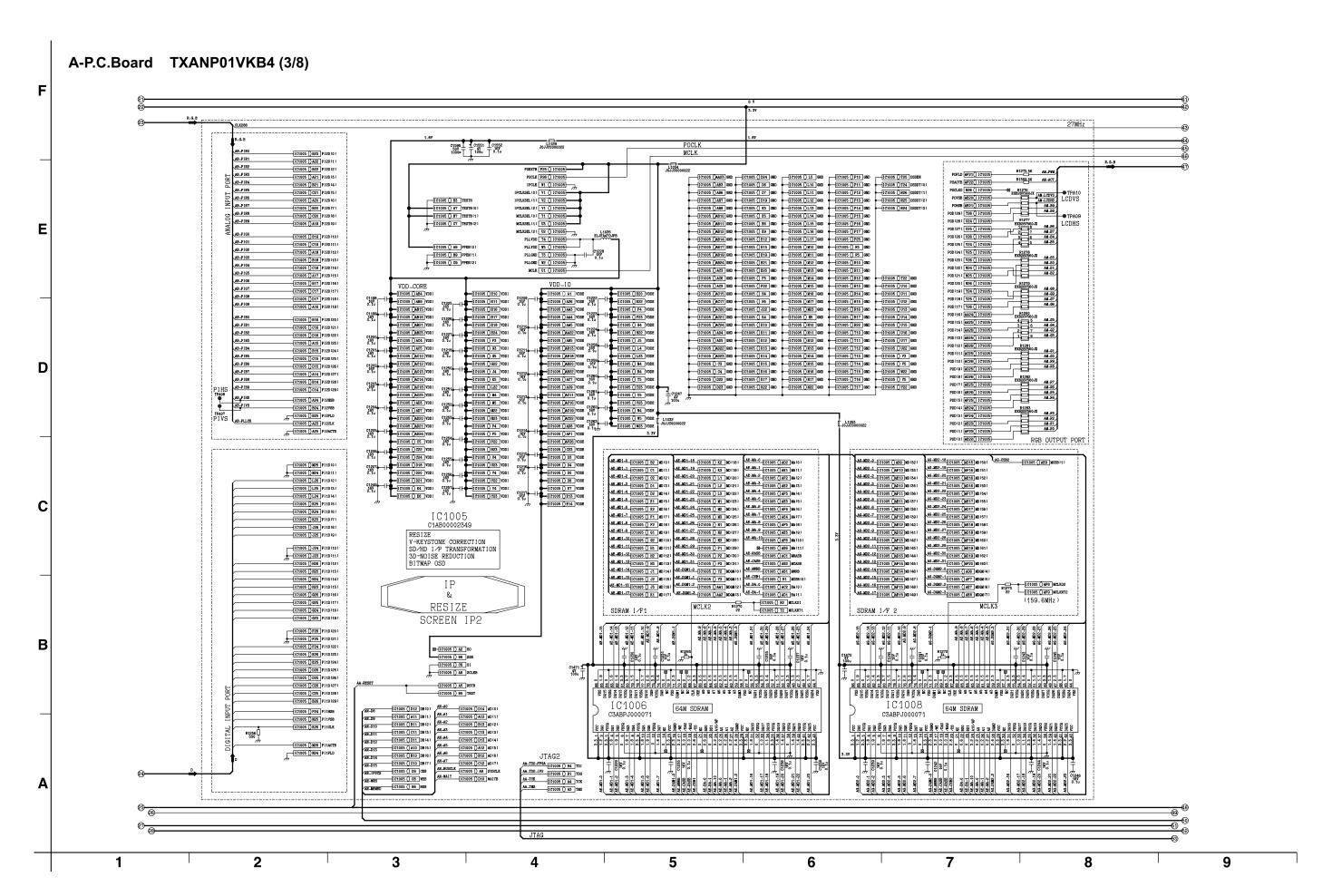
## 11.1. A-P.C.Board (1/8)



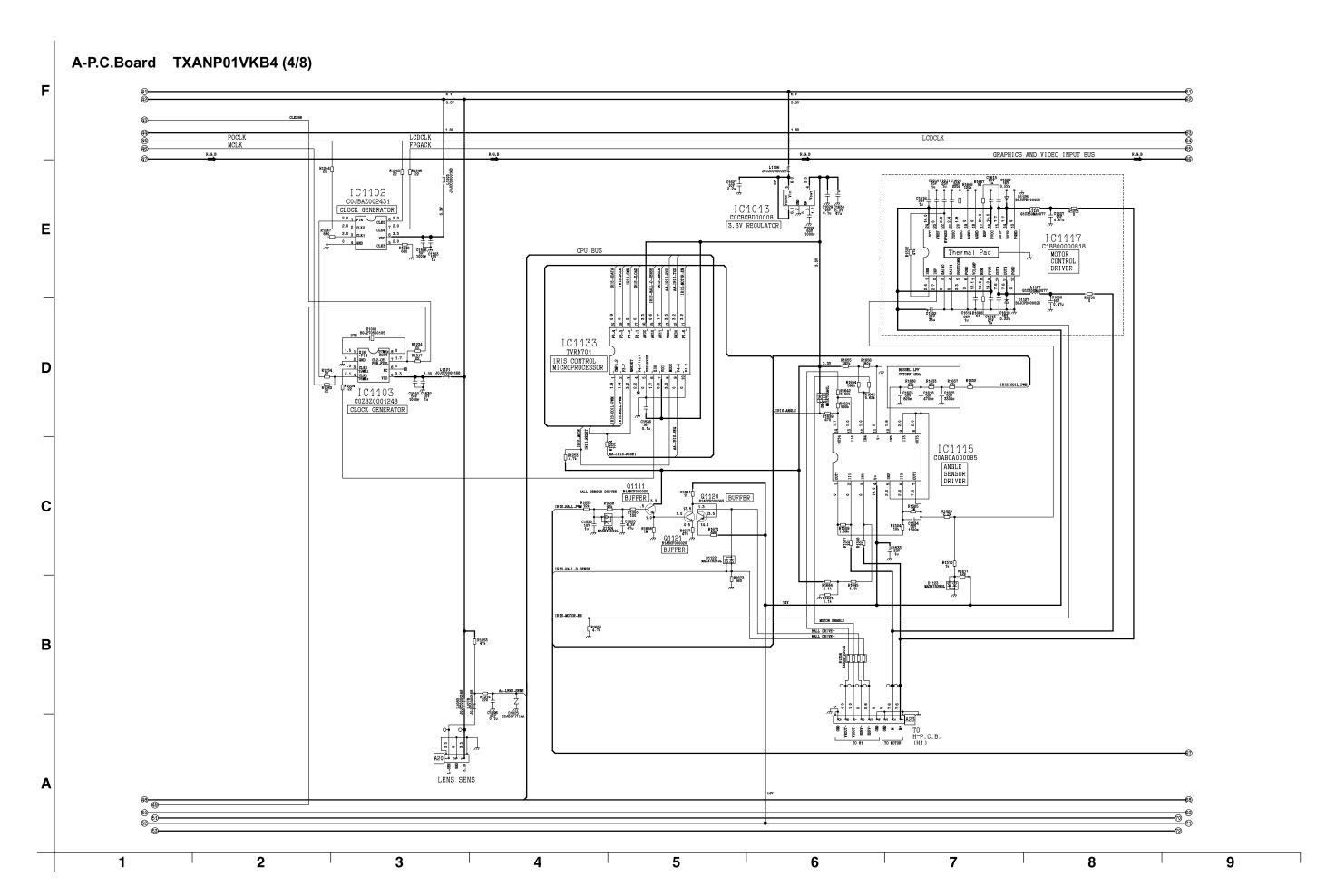
## 11.2. A-P.C.Board (2/8)



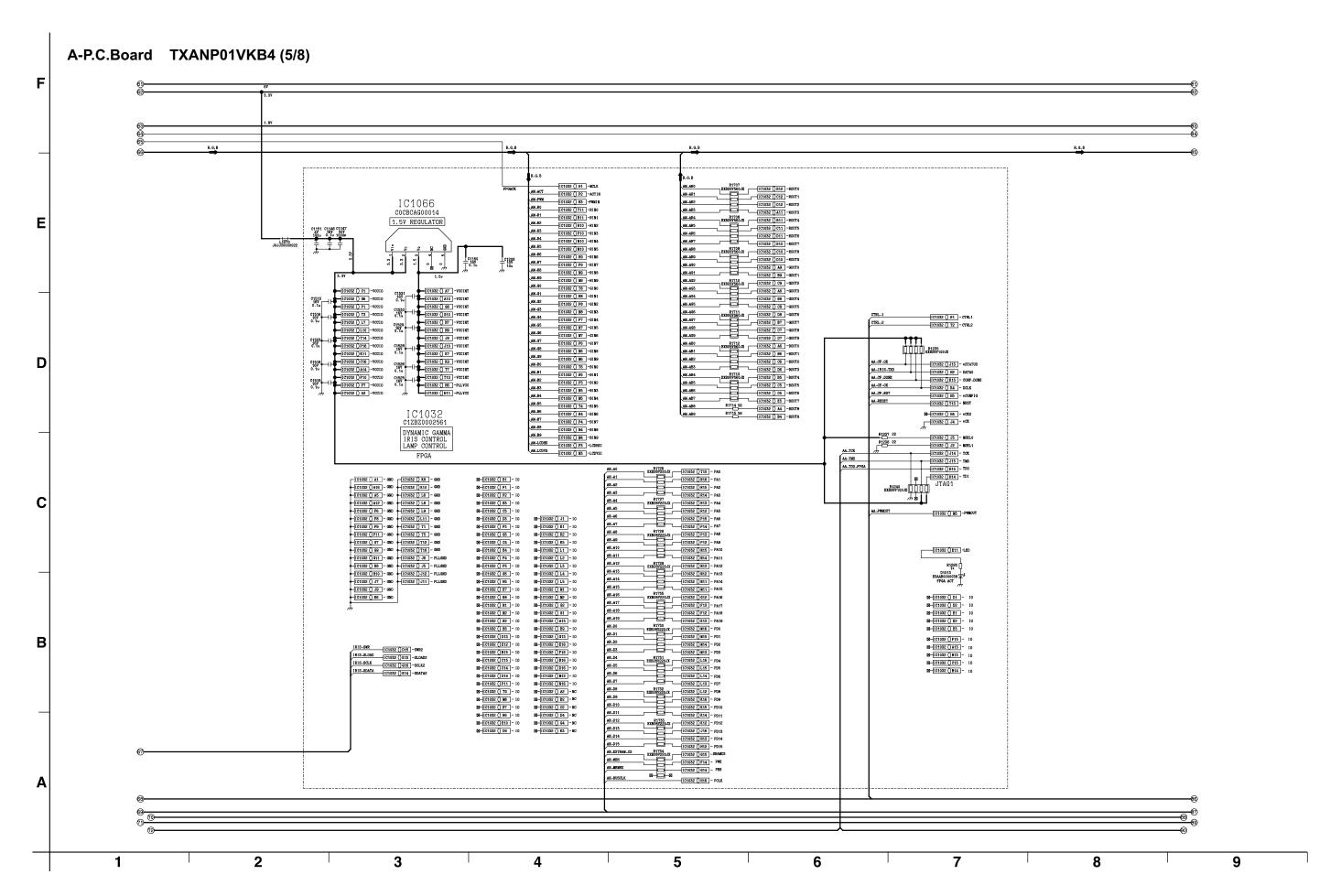
## 11.3. A-P.C.Board (3/8)



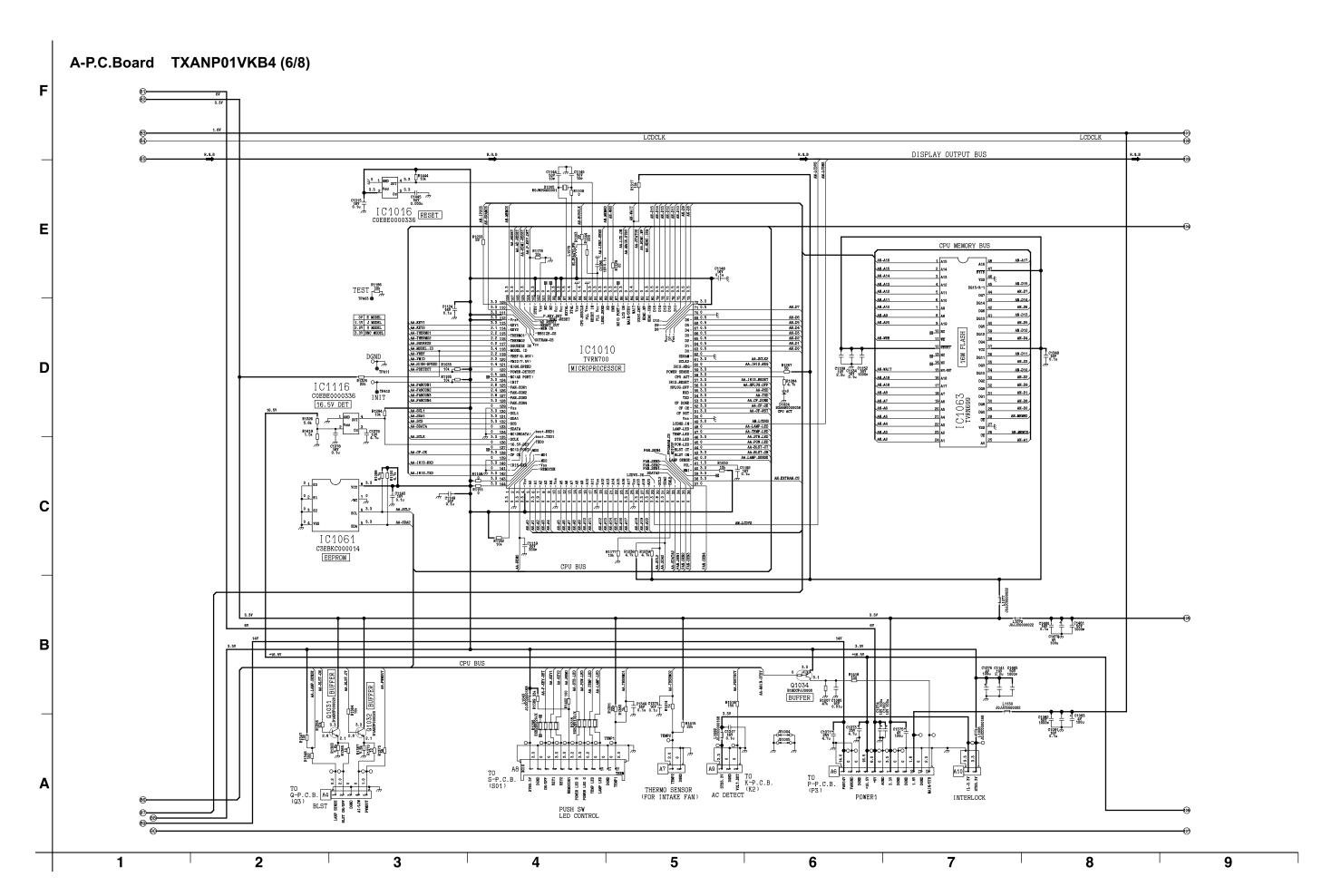
## 11.4. A-P.C.Board (4/8)



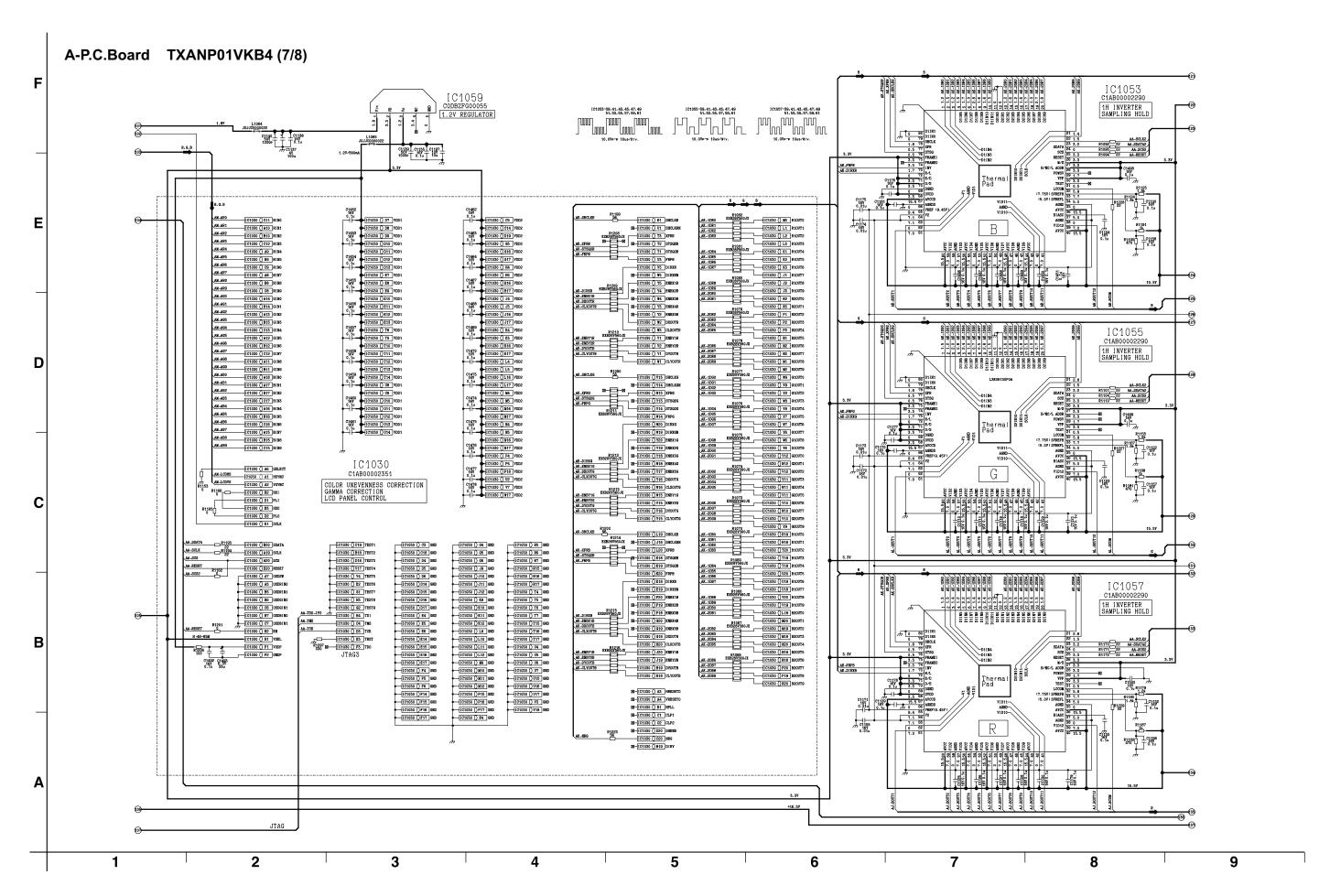
## 11.5. A-P.C.Board (5/8)



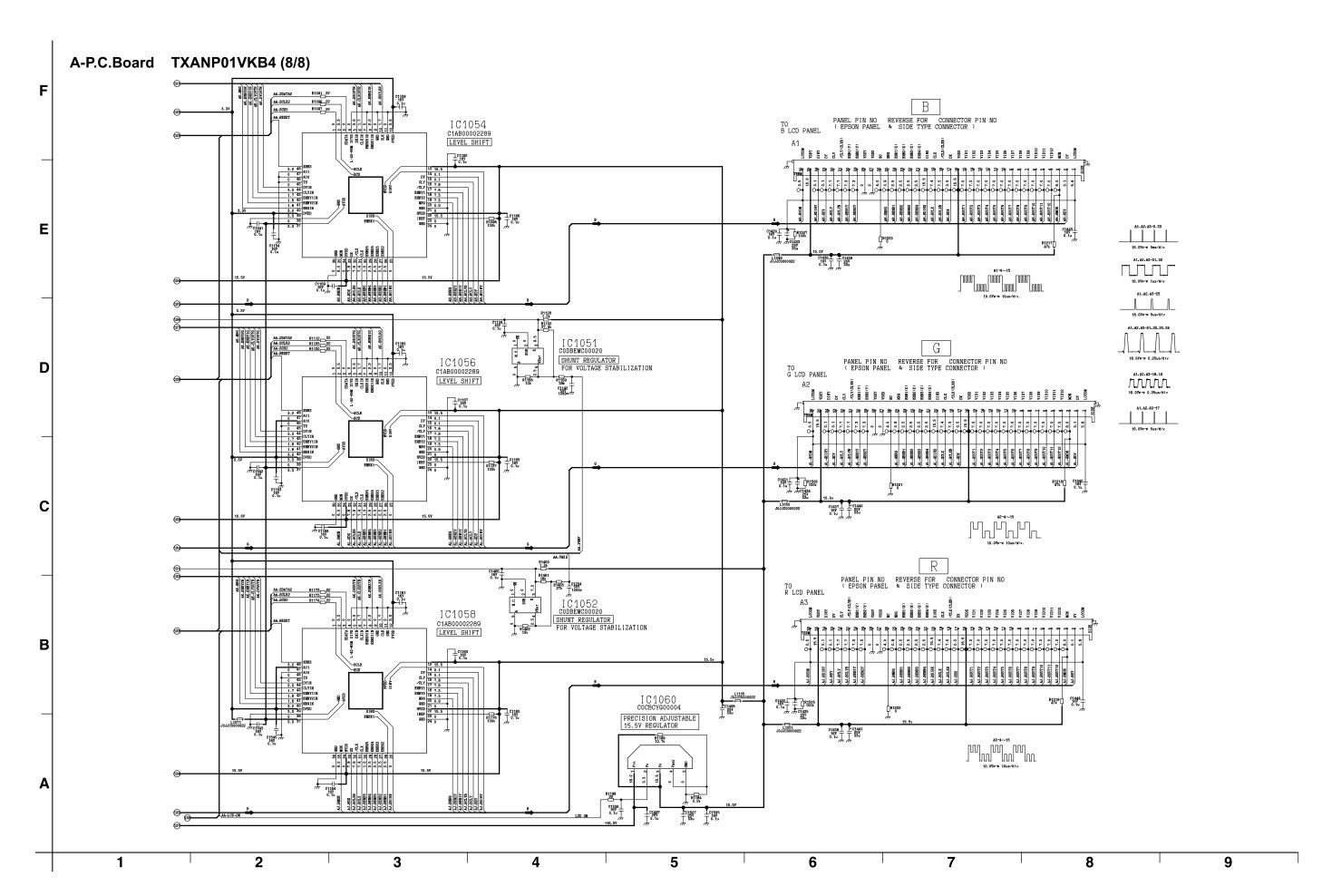
## 11.6. A-P.C.Board (6/8)



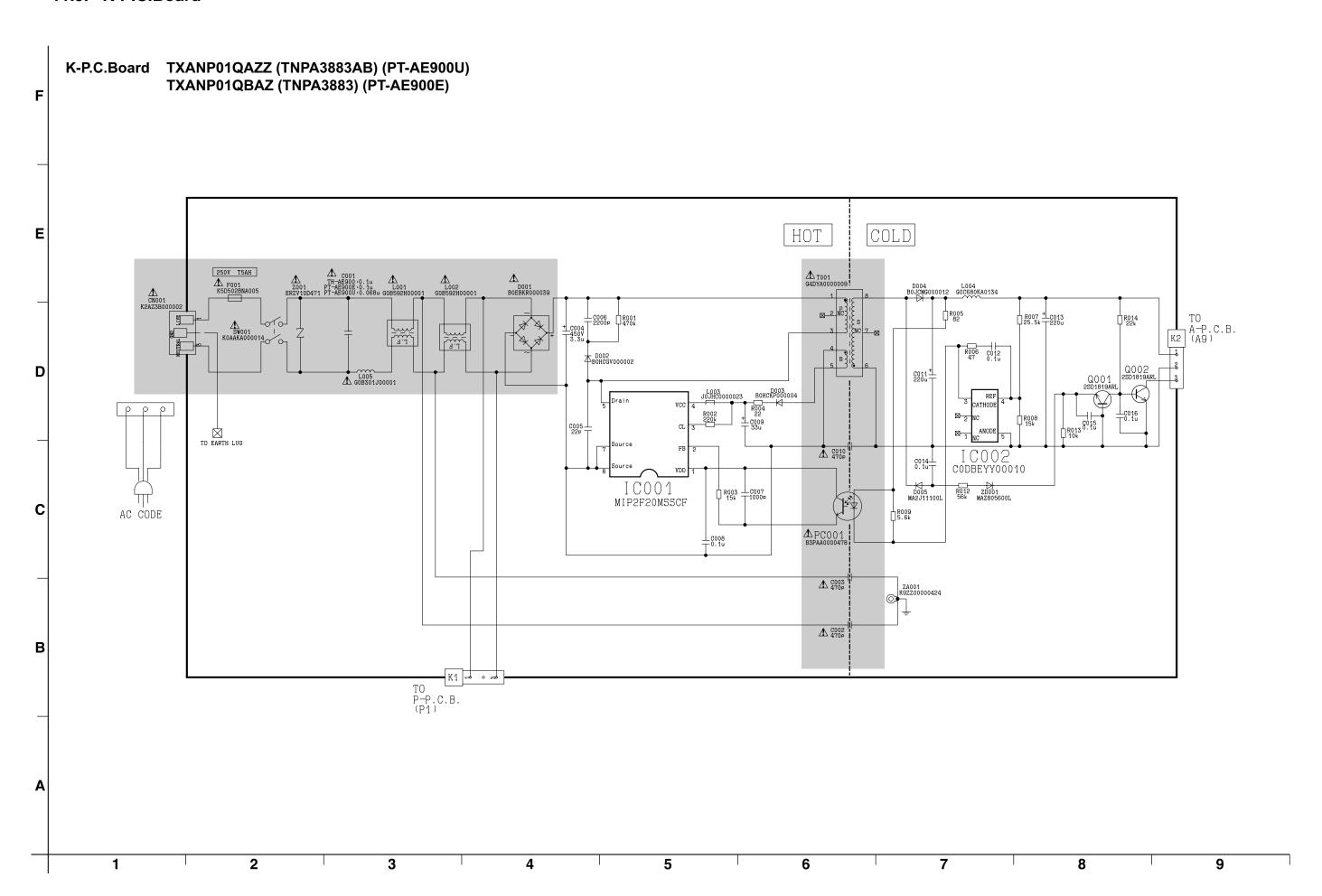
## 11.7. A-P.C.Board (7/8)



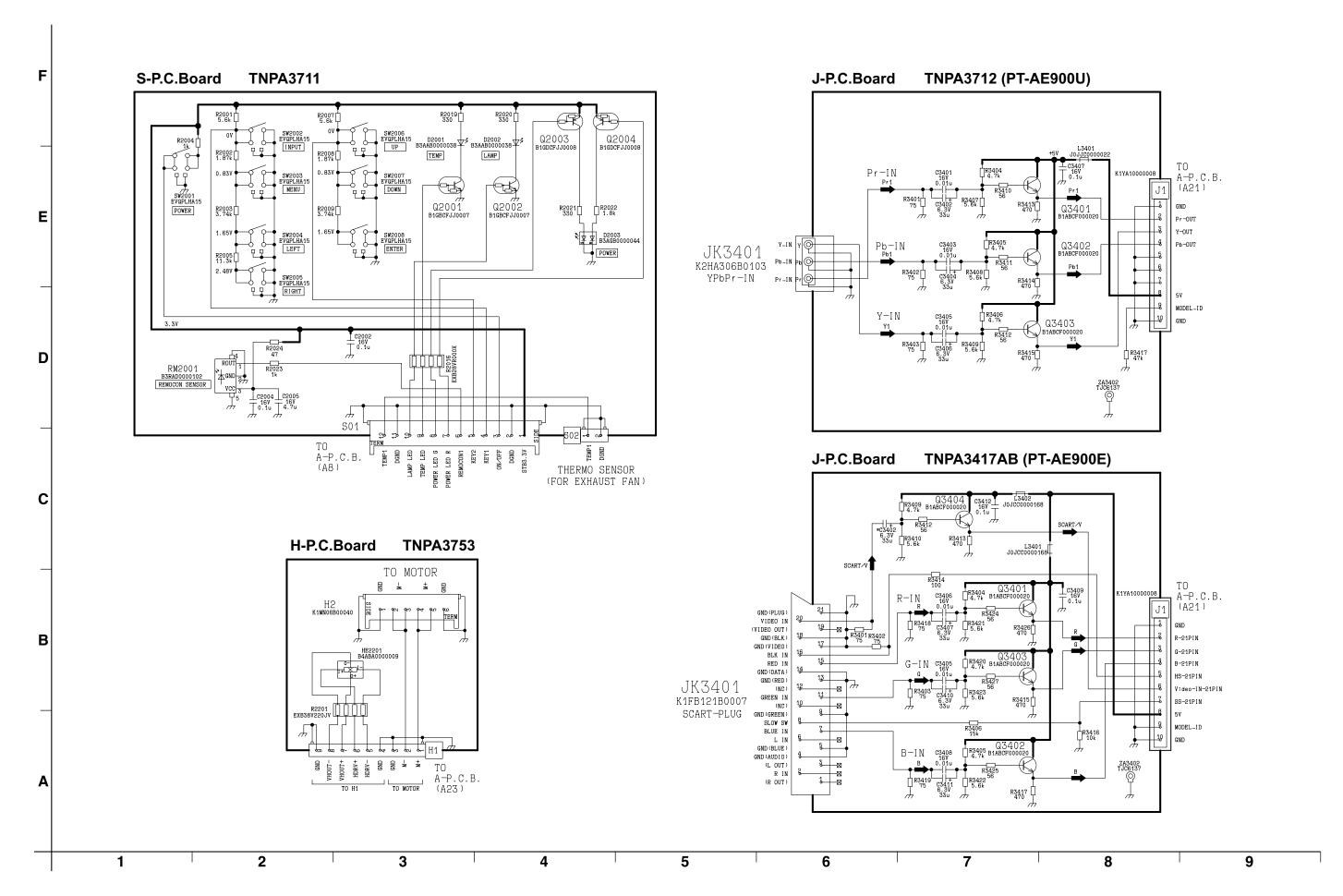
## 11.8. A-P.C.Board (8/8)



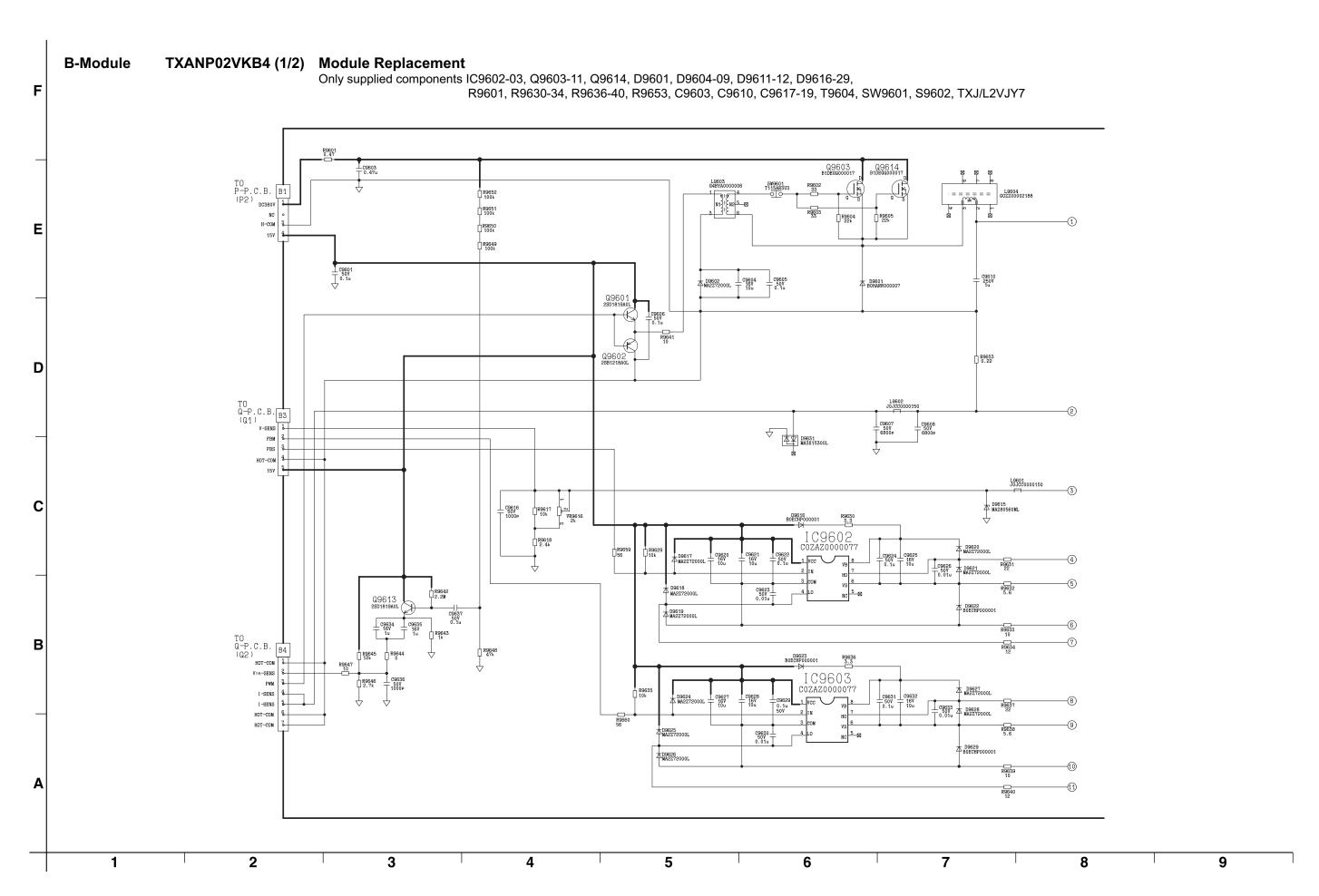
## 11.9. K-P.C.Board



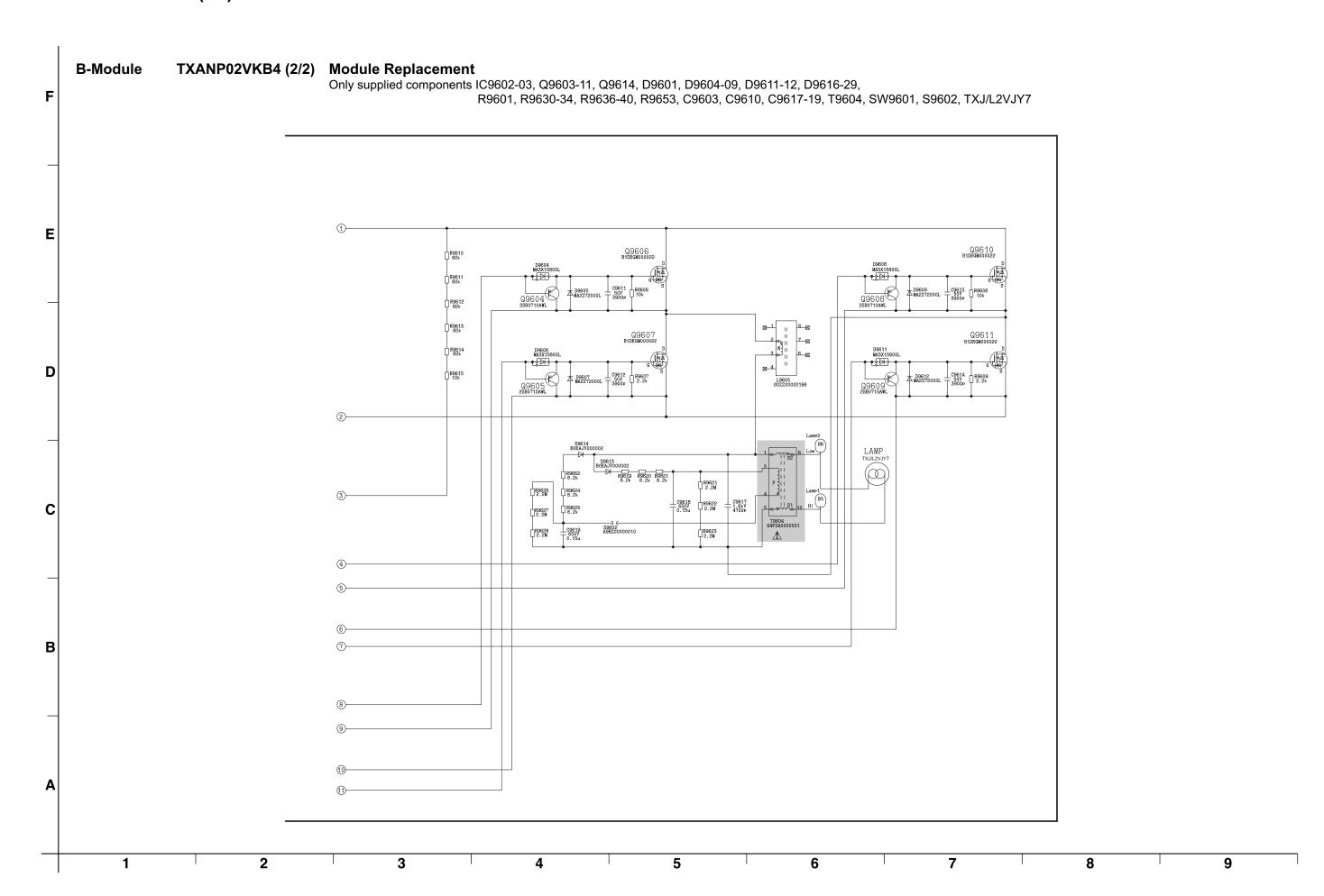
## 11.10. J-P.C.Board, S-P.C.Board, H-P.C.Board



## 11.11. B-Module (1/2)



# 11.12. B-Module (2/2)



# **12 Circuit Boards**

## 12.1. A-P.CBoard

# A-P.C.Board TXANP01VKB4 (Foil Side)

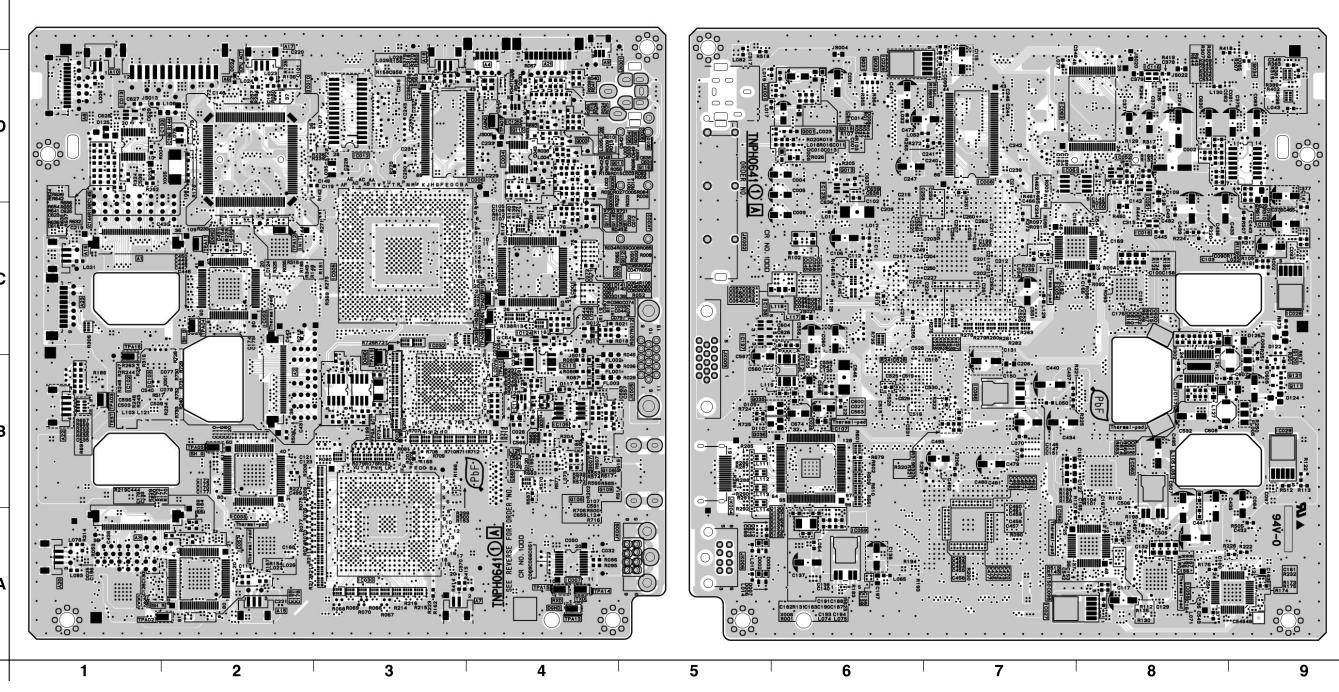
	A-P.C.Board (Foll Side)										
IC				TRANS	ISTOR			TP			
IC1001	C-4	IC1102	B-1	Q1002	D-5	Q1105	B-4	TPA01	D-4	TPA14	A-4
IC1004	D-4	IC1103	B-3	Q1003	D-4	Q1108	B-4	TPA02	A-1	TPA15	A-4
IC1005	C-3	IC1105	B-4	Q1004	D-5	Q1109	B-4	TPA03	B-1	TPA19	B-3
IC1006	D-3	IC1111	B-4	Q1005	D-5	Q1115	D-4	TPA04	C-2		
IC1007	A-4	IC1114	B-4	Q1006	C-4	Q1116	D-5	TPA05	B-2		
IC1010	D-2	IC1124	C-4	Q1007	B-4	Q1117	C-4	TPA07	C-4		
IC1013	D-1	IC1125	D-4	Q1008	D-4	Q1118	C-4	TPA08	C-4		
IC1030	A-3	IC1133	D-1	Q1009	C-4	l		TPA09	C-4		
IC1032	B-3			Q1010	D-5			TPA10	B-4		
IC1053	C-2			Q1011	D-4			TPA11	C-2		
IC1055	B-2			Q1012	C-4			TPA12	C-2		
IC1057	A-2			Q1037	B-4			TPA13	A-4		

ADDRESS INFORMATION

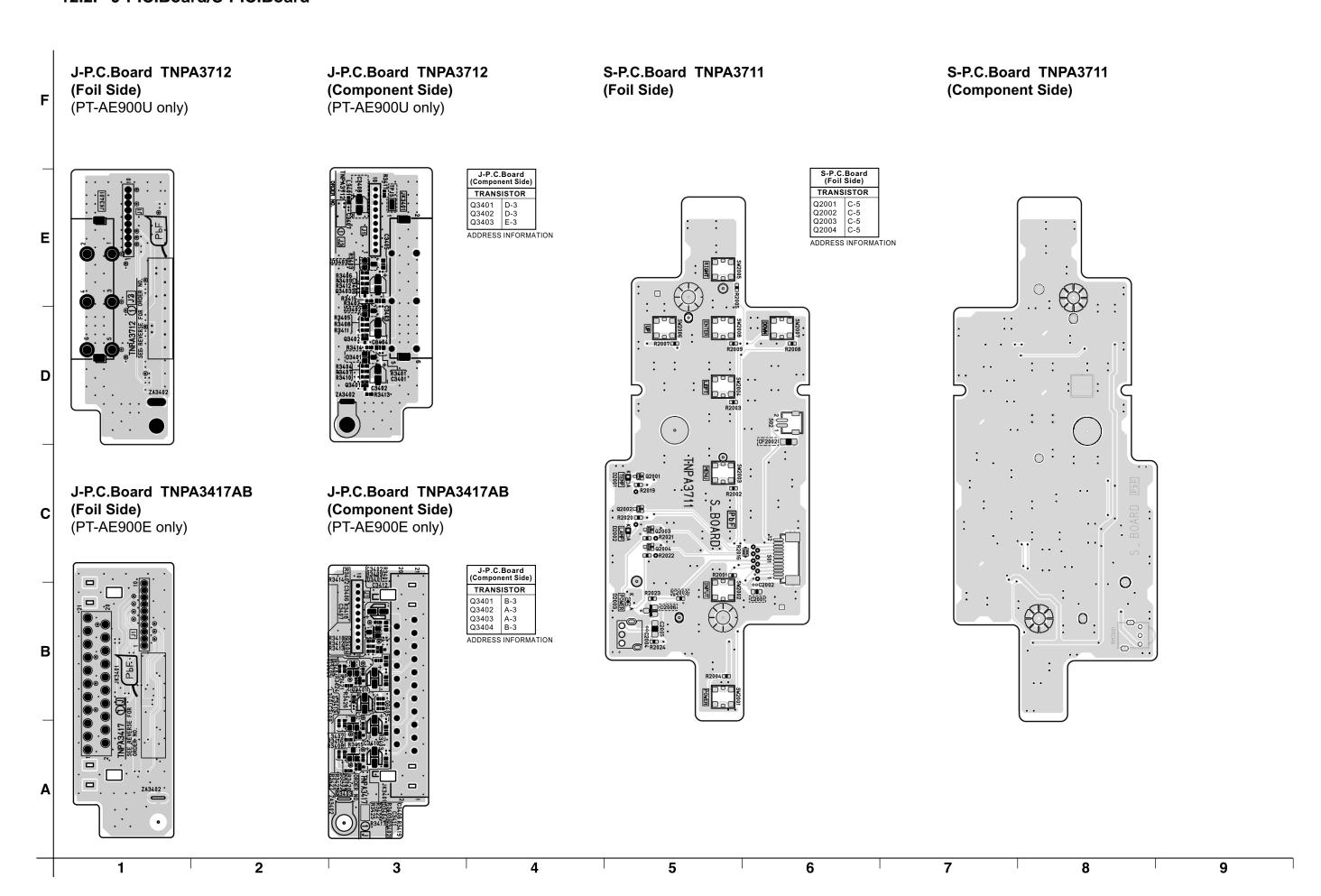
# A-P.C.Board TXANP01VKB4 (Component Side)

	A-P.C.Board (Component Side)					
IC		TRANS	ISTOR			
IC1008	D-7	IC1061	D-8	Q1001	D-6	
IC1016	C-8	IC1063	D-8	Q1013	D-6	
IC1027	A-7	IC1066	B-7	Q1015	D-6	
IC1028	C-9	IC1107	B-6	Q1031	D-6	
IC1029	B-9	IC1115	C-9	Q1032	D-6	
IC1051	C-8	IC1116	D-8	Q1034	D-8	
IC1052	D-8	IC1117	B-8	Q1111	B-9	
IC1054	C-7	IC1123	D-6	Q1120	B-9	
IC1056	A-8	IC1137	B-5	Q1121	B-9	
IC1058	A-8	IC1138	C-6			
IC1059	A-6					
IC1060	B-8					

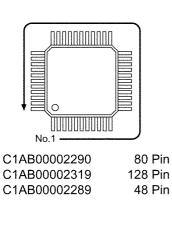
ADDRESS INFORMATION



## 12.2. J-P.C.Board/S-P.C.Board



# 13 Terminal guide of ICs and transistors







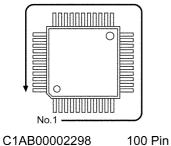
24 Pin





6 Pin

C0DBZFG00055 4 Pin C0CBCAG00014 4 Pin C0CBCYG00004 4 Pin

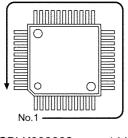


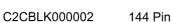


C1BB00000818



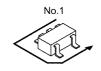
C0DBEKG00004 5 Pin



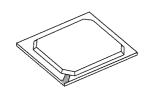




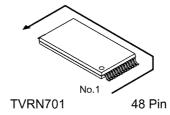
C3EBDC000067 8 Pin C3EBKC000014 8 Pin



C0CBCAD00015 5 Pin C0JBAA000359 5 Pin

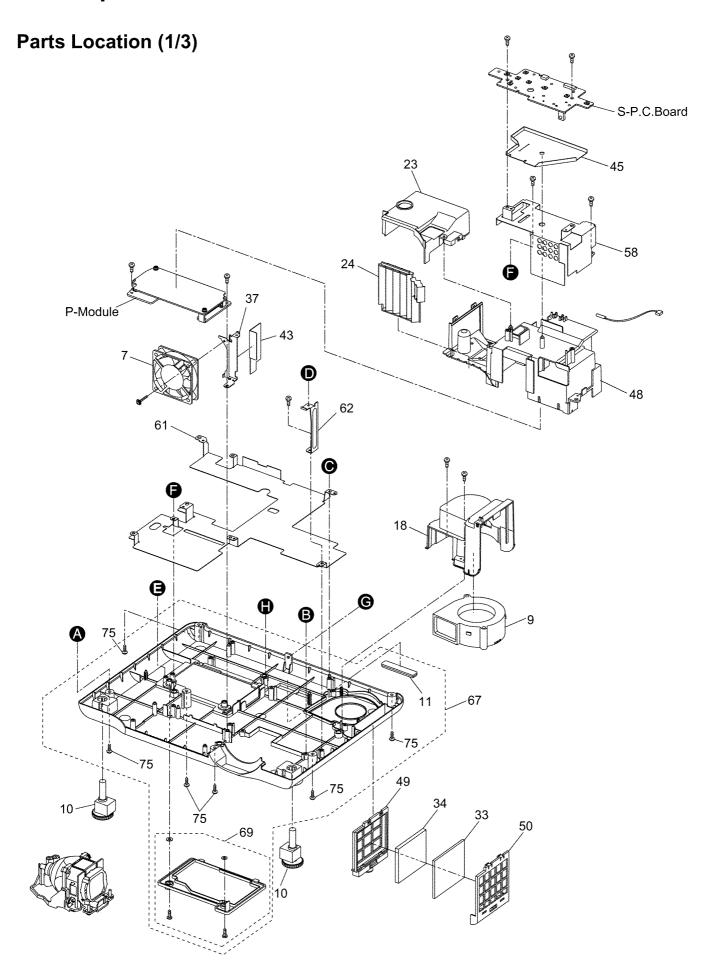


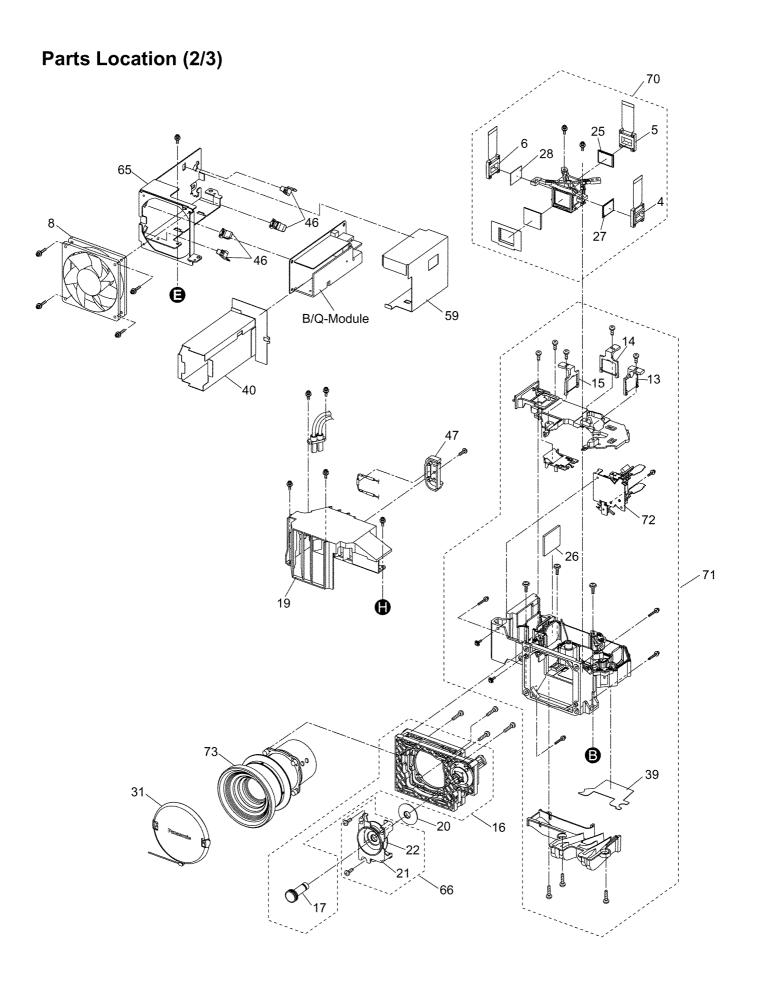
C1AB00002351 C1AB00002349

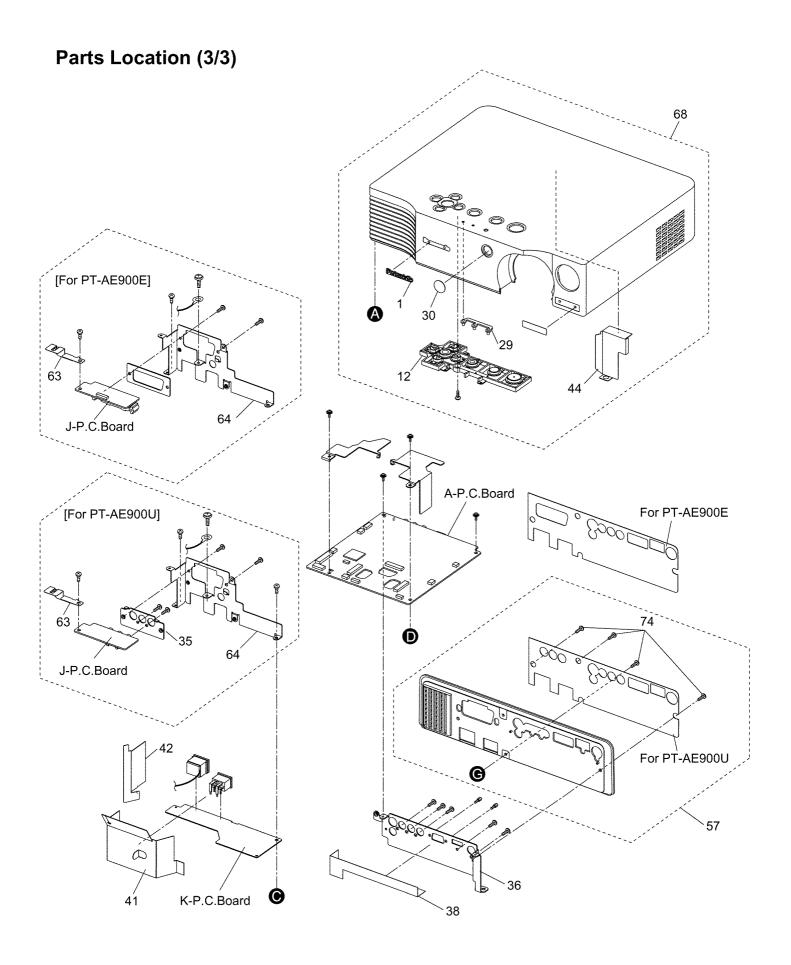




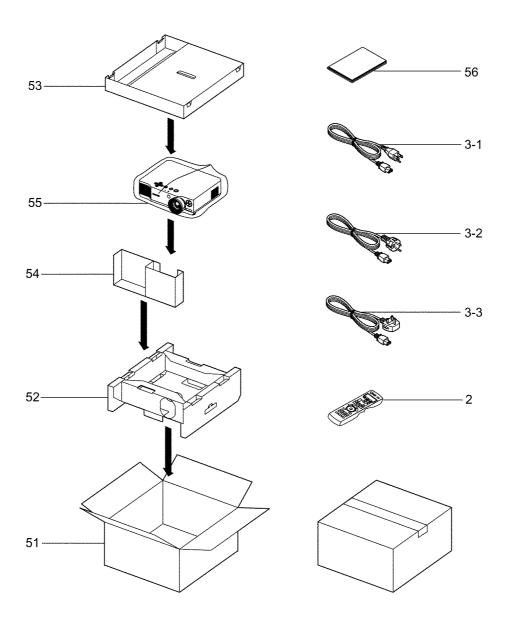
# 14 Exploded Views







## **Packing Parts**



# 15 Replacement Parts List

### **Important Safety Notice**

Components identified by the International symbol  $\, \Delta \,$  have special characteristics important for safety. When replacing any of these components, use only the manufacturer s specified parts.

### Abbreviation of part name and description

1. Resistor

Example:

ERD25TJ104 C 100KOHM, J, 1/4W

TYPE ALLOWANCE

TYPE	ALLOWANCE
C : Carbon	F: ±1%
F : Fuse	G: ±2%
M: Metal Oxide	J: ±5%
Metal Film	K : ±10%
S : Solid	M: ±20%
W: Wire Wound	

2. Capacitor

Example:

ECKF1H103ZF  $\underline{C}$  0.01PF,  $\underline{Z}$ , 50V TYPE

> TYPE ALLOWANCE C: ±0.25 pF C : Ceramic D: ±0.5 pF E : Electrolytic F : ± 1 pF P : Polyester J:±5% PP : Polypropylene K:±10% S : Polystyrol L: ±15% T : Tantalum

M: ±20 % P : +100 %, -0 % Z : +80 %, -20 %

ALLOWANCE

Notes:

Printed circuit board assembly with mark (RTL) is no longer available after production discontinuation of the complete set.

Ref. No.	Part No.	Part Name & Description	Remarks		
[MECHANICAL PARTS]					
	D4CDH5030004	TEMP SENSOR			
1	DFGB0112XB-0	PANASONIC BADGE			
2	EUR7914Z20	REMOTE CONTROLLER			
	J0KG00000052	CORE	$\triangle$		
3-1	K2CG3FR00001	POWER CORD	↑ PT-AE900U		
3-2	K2CM3FR00002	POWER CORD (EUROPE)	↑ PT-AE900E		
3-3	K2CT3FR00003	POWER CORD(U.K)	↑ PT-AE900E		
4	L5BDAXQ00260	LIQUID CRYSTAL DISPLAY(R)			
5	L5BDAXQ00261	LIQUID CRYSTAL DISPLAY(G)			
6	L5BDAXQ00262	LIQUID CRYSTAL DISPLAY(B)			
4	L5BDAXQ00263	LIQUID CRYSTAL DISPLAY(R)			
5	L5BDAXQ00264	LIQUID CRYSTAL DISPLAY(G)			
6	L5BDAXQ00265	LIQUID CRYSTAL DISPLAY(B)			
7	L6FAKCEH0010	POWER FAN	$\triangle$		
8	L6FALEGH0012	VENTILATION FAN	$\triangle$		
9	L6FCLFCH0006	INHALATION FAN	$\triangle$		
10	TBLB0047	ADJUST LEG			
11	TBLG3042	RUBBER LEG (REAR)			
	TBMA160-1	LOGO BADGE			
	TBMG077	MODEL NAME PLATE	PT-AE900U		
	TBMG078	MODEL NAME PLATE	PT-AE900E		
	TBMG079	MODEL NO. LABEL	PT-AE900U		
	TBMG080	MODEL NO. LABEL	PT-AE900E		
12	TBXA47801	CONTROL BUTTON			
13	TEEC0038	POLARIZING PLATE/IN(R)			
14	TEEC0039	POLARIZING PLATE/IN(G)			
15	TEEC0040	POLARIZING PLATE/IN(B)			
16	TEEC0041	SHIFT MECA UNIT			
17	TEEC0042	SHIFT LEVER			
18	TEEC5173-1	VENTILATION DUCT			
19	TEEC5179	LAMP HOUSE			
20	TEEC5180	MASK MECHANISM 1			
21	TEEC5181	MASK MECHANISM 2			
22	TEEC5182	MASK MECHANISM 3			
23	TEEC5211	DUCT COVER			
	TEEC5214	SHIFT LOCK			

Ref. No.	Part No.	Part Name & Description	Remarks
24	TEEC5215	SHIELD LOUVER	
	TESD067-1	SPRING	
	TEWA456	SHIELD GASKET	
	THEC084N	SCREW(D-SUB)	
25	TKGP0029	POLARIZING PLATE/OUT(G)	
	TKGP0030	POLARIZING PLATE/OUT(G)	
26	TKGP5240	PBS	
27	TKGP5280	POLARIZING PLATE/OUT(R)	
	TKGP5281	POLARIZING PLATE/OUT(R)	
28	TKGP5284	POLARIZING PLATE/OUT(B)	
	TKGP5285	POLARIZING PLATE/OUT(B)	
29	TKKC5195	LED DIFFUSION PLATE	
30	TKKC5199	REMOTE CONTROL RECEIVER	
31	TKKL5318	LENS CAP	
33	TKNE055	FILTER	
34	TKNE056	ELECTRIFICATION FILTER	
36	TKZF5042	TERMINAL METAL	
35	TKZF5043	RCA TERMINAL METAL	PT-AE900U
37	TKZJ5059	POWER FAN INSTAL METAL	
	TMKX100	WASHER	
39	TMKX761-1	OPTICAL DUCT COVER	
40	TMKX764-1	BALLAST INSULATION SHEET	
41	TMKX766-2	SHIELD SHEET (K-PCB)	
42	TMKX771-1	SHIELD SHEET 2 (K-PCB)	
43	TMKX784	POWER FAN SHEET	
44	TMKX793-1	BOSS SHIELD SHEET	
45	TMKX794	PLATE	
38	TMKX967	SHIELD SHEET	
46	TMME241	SPACER	
	TMME244	SPACER	
47	TMXC017	TEMP FUSE METAL	
48	TMXE044	POWER BOX	
49	TMZX5047	FILTER COVER 1	
50	TMZX5048	FILTER COVER 2	
51	TPCB86302	CARTON	PT-AE900U
	TPCB86303	CARTON	PT-AE900E
52	TPDF1317-1	CUSHION	
53	TPDF1318	ACCESSORY CARTON	
54	TPDF1349	CUSHION	
55	TPEH124-1	SET COVER	
	TQB817002-1	SAFETY SHEET	PT-AE900U

Ref. No.	Part No.	Part Name & Description	Remarks
56	TQBJ0182	INSTRUCTION BOOK	↑ PT-AE900U
	TQBJ0183	INSTRUCTION BOOK	↑ PT-AE900E
	TQBJ7002-1	DIRECTORY SHEET	PT-AE900U
	TQD1712010	SHEET	
	TQDJ18012-1	GUARANTEE CARD (CANADA)	PT-AE900U
	TQDJ18026	GUARANNTEE CARD (USA)	PT-AE900U
	TSXL484	FLEX CABLE (A8-S1)	
57	TTPA0428	TERMINAL COVER	PT-AE900U
	TTPA0429	TERMINAL COVER	PT-AE900E
	TUCB5033	ALUMINUM SHEET 1	
	TUCB5034-1	ALUMINUM SHEET 2	
	TUCB5035	ALUMINUM SHEET 3	
58	TUCC6005-1	ALUMINUM SHEET 4 (BOTTOM C POWER SHIELD METAL	
59	TUCC6019	BALLAST SHIELD METAL	
	TUCJ5506	BALLAST HEATSINK 1	
61	TUCX5180	BASE METAL	
62	TUCX5181	GROUND METAL 1	
63	TUCX5201	EARTH METAL (K-PCB)	
64	TUWC053-1	METAL (K-PCB)	
65	TUXE237	BALLAST INSTAL METAL	
71	TXFEC98VKB4	ANALYSIS BLOCK	
70	TXFEC99VKB4A	OPTICAL BLOCK A	
	TXFEC99VKB4B	OPTICAL BLOCK B	
66	TXFEE01VJY7	MASK MECHANISM ASSY	
67	TXFKF01QAZZ	BOTTOM COVER	PT-AE900U
	TXFKF01QBAZ	BOTTOM COVER	PT-AE900E
68	TXFKF02QAZZ	UPPER COVER	PT-AE900U
	TXFKF02QBAZ	UPPER COVER	PT-AE900E
69	TXFKL01VKB4	LAMP COVER ASSY	
	TXFKN01VJY7	FILTER	A
	TXJ/A10VKB4 TXJ/B1VJW5A	INTERLOCK SW CABLE LEAD WIRE (BALLAST UNIT)	$\triangle$
	TXJ/E2VJY7B	EARTH WIRE	<u>A</u>
	TXJ/H1VKB4	LEAD WIRE(H1-A23)	$\triangle$
	TXJ/J1VKB4	LEAD WIRE	$\triangle$
	TXJ/K2VKB4	LEAD WIRE(K2-A9)	<u> </u>
	TXJ/L2VJY7	LAMP CABLE	
	TXJ/P1VKB4	LEAD WIRE(K1-P1)	Δ
	TXJ/P3VKB4	LEAD WIRE (P2-A6)	Δ
	TXJ/Q3VKB4	LEAD WIRE (Q3-A4)	Δ
72	TXZEN01VKB4	IRIS UNIT	
73	TXZPL01VKB4	LENS	
	XSB3+10FN	SCREW	
74	XSB3+8FN	SCREW	
	XSN3+8FJK	SCREW	
75	XTB3+12CFN	SCREW	
	XTBT969FJK	SCREW	
	XTN3+6GFJ	SCREW	
	XTW3+8PFJ	SCREW	
	XYN2+F6FJ XYN2+J4FJ	SCREW	
	XYN3+F20FJ	SCREW	
	XYN3+F20F3 XYN3+F8FJ	SCREW	<del> </del>
	XYN3+J10FJ	SCREW	
	XYN3+J12FJ	SCREW	
	XYN3+J8FJ	SCREW	
	XYN4+E8FJ	SCREW	
	XZBT6532	POLY BAG	PT-AE900U
	[3	INTEGRATED CIRCUIT]	
IC001	MIP2F20MSSCF	I.C	
IC002	C0DBEYY00010	I.C	
IC1001	C1AB00002298	I.C	
IC1004	C0JBAR000370	I.C	
IC1005	C1AB00002349	I.C	
IC1006	C3ABPJ000071	I.C	
	C0ZBZ0000911	I.C	1
IC1007	+		1
IC1007 IC1008	C3ABPJ000071	I.C	

Ref.	Part No.	Part Name & Description	Remarks
No.			1
IC1013	C0CBCBD00008	I.C	
IC1016	C0EBE0000336	I.C	
IC1027	C0DBEKG00004	I.C	
IC1028	C0DBEKG00004	I.C	
IC1029	C0DBEKG00004	I.C	
IC1030	C1AB00002351	I.C	
IC1032	C1ZBZ0002561	I.C	
IC1051	C0DBEMC00020	I.C	
IC1052	C0DBEMC00020	I.C	
IC1053	C1AB00002290	I.C	
IC1054	C1AB00002289	I.C	
IC1055	C1AB00002290	I.C	
IC1056	C1AB00002289	I.C	
IC1057	C1AB00002290	I.C	
IC1058	C1AB00002289	I.C	
IC1059	C0DBZFG00055	I.C	
IC1060	C0CBCYG00004	I.C	
IC1061	C3EBKC000014	I.C	
IC1063	TVRN699	I.C	
IC1066	C0CBCAG00014	I.C	
IC1102	C0JBAZ002431	I.C	
IC1103	C0ZBZ0001248	I.C	1
IC1105	C3EBDC0001248	I.C	
			<del>                                     </del>
IC1107	C1AB00002319	I.C	1
IC1111	C0DBZGF00002	I.C	-
IC1114	C0CBCAD00015	I.C	<b></b>
IC1115	C0ABCA000085	I.C	
IC1117	C1BB00000818	I.C	
IC1123	COCBCAD00015	I.C	
IC1124	C0CBCAD00015	I.C	
IC1125	C0CBCDD00004	I.C	
IC1123	TVRN701	I.C	1
IC1137	C0JBAA000359	I.C	
IC1138	C0JBAA000359	I.C	
IC9602	C0ZBZ0000943	I.C	
IC9603	C0ZBZ0000943	I.C	
	•	[TRANSISTORS]	•
Q001	2SD1819A-R	TRANSISTOR	
Q002	2SD1819A-R	TRANSISTOR	
Q1001	B1ABCF000020	TRANSISTOR	
Q1002	B1ADCF000063	TRANSISTOR	
Q1003	B1ADCF000063	TRANSISTOR	
Q1004	B1ADCF000063	TRANSISTOR	
Q1005	B1ADCF000063	TRANSISTOR	
Q1006	B1ABCF000020	TRANSISTOR	
Q1007	B1GBCFJJ0007	TRANSISTOR	1
	B1ABCF000020		
Q1008		TRANSISTOR	<del> </del>
Q1009	B1ABCF000020	TRANSISTOR	<del> </del>
Q1010	B1ADCF000063	TRANSISTOR	-
Q1011	B1ABCF000020	TRANSISTOR	<b></b>
Q1012	B1ABCF000020	TRANSISTOR	
Q1013	B1ADCF000063	TRANSISTOR	
Q1015	B1ABCF000020	TRANSISTOR	
Q1031	B1ABCF000020	TRANSISTOR	
Q1032	B1ABCF000020	TRANSISTOR	1
			<del> </del>
Q1034	B1GDCFJJ0008	TRANSISTOR	+
Q1037	B1CBGD000001	TRANSISTOR	1
Q1105	B1GBCFJJ0007	TRANSISTOR	1
Q1108	B1CBGD00001	TRANSISTOR	<b></b>
Q1109	B1CBGD00001	TRANSISTOR	1
Q1111	B1ABCF000020	TRANSISTOR	
Q1115	B1ADCF000063	TRANSISTOR	
Q1116	B1ABCF000020	TRANSISTOR	
Q1117	B1GBCFJJ0007	TRANSISTOR	1
			<u> </u>
Q1118	B1GBCFJJ0007	TRANSISTOR	+
Q1120	B1ADCF000063	TRANSISTOR	<del>                                     </del>
Q1121	B1ABCF000020	TRANSISTOR	-
Q2001	B1GBCFJJ0007	TRANSISTOR	
Q2002	B1GBCFJJ0007	TRANSISTOR	
1		MD 3 MG T GMOD	
Q2003	B1GDCFJJ0008	TRANSISTOR	
Q2003 Q2004	B1GDCFJJ0008	TRANSISTOR	

Ref. No.	Part No.	Part Name & Description	Remarks
23401	B1ABCF000020	TRANSISTOR	PT-AE900U
	2SD1819A0L	TRANSISTOR	PT-AE900E
Q3402	B1ABCF000020	TRANSISTOR	PT-AE900U
	2SD1819A0L	TRANSISTOR	PT-AE900E
23403	B1ABCF000020	TRANSISTOR	PT-AE900U
	2SD1819A0L	TRANSISTOR	PT-AE900E
Q3404	2SD1819A0L	TRANSISTOR	PT-AE900E
Q9603	B1DEGQ000037	TRANSISTOR	
29604	2SB0710AWL	TRANSISTOR	
29605	2SB0710AWL	TRANSISTOR	
29606	B1DEGM000022	TRANSISTOR	
29607	B1DEGM000022	TRANSISTOR	
29608	2SB0710AWL	TRANSISTOR	
Q9609	2SB0710AWL	TRANSISTOR	
Q9610	B1DEGM000022	TRANSISTOR	
Q9611	B1DEGM000022	TRANSISTOR	
29614	B1DEGQ000037	TRANSISTOR	
		[DIODES]	
	ļ <u> —</u>		
D001	B0EBKR000039	DIODE	Δ
D002	B0HCGV000002	DIODE	
D003	B0HCKP000004	DIODE	1
D004	B0JCMG000012	DIODE	
D005	MA2J11100L	DIODE	
D1002	MAZ81500ML	DIODE	
D1003	MAZ81500ML	DIODE	
D1005	MAZ80560ML	DIODE	
D1006	MAZ81500ML	DIODE	
D1007	MAZ81500ML	DIODE	
D1008	MAZ80560ML	DIODE	
D1011	MAZ80560ML	DIODE	
D1011 D1012	MAZ80560ML	DIODE	
	+		
D1013	B3AAB0000038	DIODE	
D1024	B3AAB0000038	DIODE	
D1105	EZJZ0V171AA	VARISTOR	
D1107	EZJZ0V171AA	VARISTOR	
D1110	EZJZ0V171AA	VARISTOR	
D1117	MAZ80560ML	DIODE	
D1120	B0JCAE000001	DIODE	
D1121	B0JCGD000002	DIODE	
D1122	MA3X152E0L	DIODE	
D1123	MA3X152E0L	DIODE	
D1124	MA153TX	DIODE	
D1125	MA704ATX	DIODE	
D1126	B0JCPD000026	DIODE	
D1127	B0JCPD000026	DIODE	
D1130	EZJZ0V80008B	VARISTOR	
D1131	EZJZ0V80008B	VARISTOR	
D1131 D1132	EZJZ0V80008B		+
	+	VARISTOR	
D1133	EZJZ0V80008B	VARISTOR	+
D1135	EZJZOV80008B	VARISTOR	+
01136	EZJZ0V80008B	VARISTOR	+
01137	EZJZ0V80008B	VARISTOR	
D1138	EZJZ0V80008B	VARISTOR	
D1139	EZJZ0V171AA	VARISTOR	
D1140	EZJZ0V171AA	VARISTOR	1
01141	EZJZ0V171AA	VARISTOR	
D2001	B3AAB0000038	DIODE	1
02002	B3AAB0000038	DIODE	
02003	B3AGB0000044	DIODE	
D9601	B0HASR000006	DIODE	
D9604	MA158TX	DIODE	
D9605	MA2Z72000L	DIODE	
D9606	MA158TX	DIODE	
09607	MA2Z72000L	DIODE	1
			+
09608	MA158TX	DIODE	+
09609	MA2Z72000L	DIODE	+
D9611	MA158TX	DIODE	+
	MA2Z72000L	DIODE	1
D9612	1 -		
09616	B0ECHP000003	DIODE	
D9612 D9616 D9617	B0ECHP000003 MA2Z72000L	DIODE	

Ref.	Part No.	Part Name & Description	Remarks
No.			
D9619	MA2Z72000L	DIODE	
D9620 D9621	MA2Z72000L MA2Z72000L	DIODE	
D9621	B0ECHP00003	DIODE	
D9623	B0ECHP000003	DIODE	
D9624	MA2Z72000L	DIODE	
D9625	MA2Z72000L	DIODE	
D9626	MA2Z72000L	DIODE	
D9627	MA2Z72000L	DIODE	
D9628	MA2Z72000L	DIODE	
D9629	B0ECHP000003	DIODE	
	l	[COILS]	
L001	G0B592H00001	FILTER	Δ
L002	G0B592H00001	FILTER	$\triangle$
L003	J0JHC0000023	COIL	
L004	G0C680KA0134	COIL	^
L005	G0B301J00001	FILTER FILTER	$\triangle$
L1002	J0JCC0000168	FILTER	
L1003	J0JCC0000168	FILTER	
L1005	J0JCC0000168	FILTER	
L1006	J0JCC0000168	FILTER	
L1011	J0JJC0000022	EMI FILTER	
L1012	J0JJC0000022	EMI FILTER	
L1014	J0JCC0000168	FILTER	
L1015	J0JCC0000168	FILTER	
L1016	J0JCC0000168	FILTER FILTER	
L1017	J0JCC0000168	FILTER	
L1019	J0JCC0000168	FILTER	
L1021	J0JJC0000022	EMI FILTER	
L1022	J0JCC0000168	FILTER	
L1023	J0JCC0000168	FILTER	
L1024	J0JJC0000022	EMI FILTER	
L1025	J0JCC0000168	FILTER	
L1026	J0JJC0000022 J0JCC0000168	EMI FILTER FILTER	
L1027	J0JJC0000188	EMI FILTER	
L1034	J0JJC0000022	EMI FILTER	
L1035	ELJFA470JFB	COIL	
L1043	J0JCC0000168	FILTER	
L1049	J0JJC0000022	EMI FILTER	
L1050	J0JJC0000022	EMI FILTER	
L1051	J0JJC0000022	EMI FILTER	
L1053	J0JJC0000022	EMI FILTER	
L1064	J0JJC0000022 J0JJC0000022	EMI FILTER EMI FILTER	
L1070	J0JJC0000022	EMI FILTER	
L1071	J0JJC0000022	EMI FILTER	
L1072	J0JJC0000022	EMI FILTER	
L1073	J0JJC0000022	EMI FILTER	
L1074	J0JJC0000022	EMI FILTER	
L1075	J0JJC0000022	EMI FILTER	
L1076	ELJFA470JFB J0JJC0000022	COIL EMI FILTER	
L1077	J0JJCC0000022	FILTER	
L1082	J0JCC0000168	FILTER	
L1103	J0JCC0000168	FILTER	
L1105	J0JJC0000022	EMI FILTER	
L1106	J0JJC0000022	EMI FILTER	
L1111	J0MAB0000176	COIL	
L1112	J0MAB0000176	COIL	
L1113	J0MAB0000176	COIL	
L1114 L1117	J0MAB0000176 J0JJC0000022	COIL EMI FILTER	
L1117	J0JJC0000022	EMI FILTER	
L1121	J0JCC0000168	FILTER	
L1122	J0JJC0000022	EMI FILTER	
L1123	J0JCC0000168	FILTER	
L1124	J0JCC0000168	FILTER	
L1125	J0JCC0000168	FILTER	

Ref. No.	Part No.	Part Name & Description	Remarks
L1126	G1C330MA0077	COIL	
L1127	G1C330MA0077	COIL	
L1128	J0JCC0000168	FILTER	
L1129	J0JJC0000022	EMI FILTER	
L1130	J0JJC0000022	EMI FILTER	
L3401	J0JJC0000022	EMI FILTER	
L3402	J0JJC0000022	EMI FILTER	PT-AE900E
FL1001	J0HABC000011	FILTER	
FL1002	J0HABC000011	FILTER	
FL1003	J0HABC000011	FILTER	
	•	[RESISTORS]	•
R001	ERJ12YJ474	RESISTOR	
R002	ERJ3GEYJ224	RESISTOR	
R003	ERJ3GEYJ153	RESISTOR	
R004	ERJ6GEYJ220	RESISTOR	
R005	ERJ3GEYJ820	RESISTOR	
R006	ERJ3GEYJ470	RESISTOR	
R005	ERJ3GE1J470 ERJ6ENF2552	RESISTOR	+
			+
R008	ERJ6ENF1502	RESISTOR	+
R009	ERJ3GEYJ562	RESISTOR	+
R012	ERJ3GEYJ563	RESISTOR	1
R013	ERJ3GEYJ103	RESISTOR	1
R014	ERJ3GEYJ223	RESISTOR	<b>_</b>
R1002	ERJ3EKF1003V	M 100KOHM, 1/16W	<b></b>
R1003	ERJ2GEJ220X	M 22 OHM, 0.063W	
R1004	ERJ3GEYJ220V	M 22 OHM,J,1/16W	1
R1005	ERJ6ENF75R0V	M 75 OHM, 1/10W	
R1006	ERJ6ENF75R0V	M 75 OHM, 1/10W	
R1007	ERJ3GEYJ472V	M 4.7KOHM,J,1/16W	
R1008	ERJ6ENF75R0V	M 75 OHM, 1/10W	
R1009	ERJ3GEYJ472V	M 4.7KOHM,J,1/16W	
R1010	ERJ3GEYJ562V	M 5.6KOHM, J, 1/16W	
R1011	ERJ3GEYJ472V	M 4.7KOHM, J, 1/16W	
R1012	ERJ3GEYJ472V	M 4.7KOHM,J,1/16W	
R1013	ERJ3GEYJ560V	M 56 OHM,J,1/16W	
R1014	ERJ3GEYJ562V	M 5.6KOHM, J, 1/16W	
R1015	ERJ3GEYJ560V	M 56 OHM, J, 1/16W	
R1016	ERJ3GEYJ102V	M 1K OHM, J, 1/16W	
R1017		M 75 OHM, J, 1/10W	
	ERJ6GEYJ750V		+
R1018	ERJ3GEYJ101V	M 100 OHM, J, 1/16W M 100KOHM, J, 1/16W	1
R1019	ERJ3GEYJ104V		+
R1020	ERJ3GEYJ471V	M 470 OHM, J, 1/16W	+
R1021	ERJ3GEYJ101V	M 100 OHM, J, 1/16W	+
R1022	ERJ3GEYJ472V	M 4.7KOHM,J,1/16W	1
R1023	ERJ3GEYJ562V	M 5.6KOHM,J,1/16W	1
R1024	ERJ3GEYJ560V	M 56 OHM,J,1/16W	1
R1025	ERJ3GEYJ560V	M 56 OHM,J,1/16W	1
R1026	ERJ6GEYJ750V	M 75 OHM,J,1/10W	
R1027	ERJ3GEYJ560V	M 56 OHM,J,1/16W	1
R1028	ERJ3GEYJ560V	M 56 OHM,J,1/16W	1
R1029	ERJ6ENF75R0V	M 75 OHM, 1/10W	
R1030	ERJ3GEYJ471V	M 470 OHM,J,1/16W	
R1031	ERJ3GEYJ472V	M 4.7KOHM,J,1/16W	
R1032	ERJ3GEYJ562V	M 5.6KOHM, J, 1/16W	
R1033	ERJ3GEYJ560V	M 56 OHM,J,1/16W	
R1034	ERJ3GEYJ471V	M 470 OHM,J,1/16W	
R1035	ERJ2GEJ103X	M 10K OHM, 0.063W	1
R1036	ERJ6ENF75R0V	M 75 OHM, 1/10W	1
R1037	ERJ3GEYJ221V	RESISTOR	1
R1038	ERJ2GEJ103X	M 10K OHM, 0.063W	1
R1038	ERJ3GEYJ472V	M 4.7KOHM, J, 1/16W	1
R1039	ERJ3GEYJ562V	M 5.6KOHM, J, 1/16W	+
			+
R1041	ERJ3GEYJ560V	M 56 OHM, J, 1/16W	+
R1042	ERJ3GEYJ103V	M 10KOHM, J, 1/16W	+
R1043	ERJ3GEYJ103V	M 10KOHM,J,1/16W	+
R1044	ERJ2GEJ103X	M 10K OHM, 0.063W	+
R1045	ERJ6ENF75R0V	M 75 OHM, 1/10W	<b>_</b>
R1046	ERJ3GEYJ560V	M 56 OHM,J,1/16W	
KIUIU		I DECT CHOD	1
	ERJ3GEYJ221V	RESISTOR	
R1047 R1049	ERJ3GEYJ221V ERJ2GEJ682X	RESISTOR	

Ref.	Part No.	Part Name & Description	Remarks
No. R1051	ERJ2GEJ332X	RESISTOR	
R1053	ERJ2GEJ473X	M 47K OHM, 0.063W	
	ERJ3GEYJ221V	RESISTOR	
R1055	ERJ3GEYJ471V	M 470 OHM, J, 1/16W	
R1056	ERJ3GEYJ180V	M 18 OHM,J,1/16W	
R1057	ERJ3GEYJ180V	M 18 OHM,J,1/16W	
R1058	ERJ2GEJ220X	M 22 OHM, 0.063W	
R1059	ERJ2GEJ220X	M 22 OHM, 0.063W	
R1060	ERJ2GEJ220X	M 22 OHM, 0.063W	
R1061	ERJ2GEJ220X	M 22 OHM, 0.063W	
R1062	ERJ2GEJ220X	M 22 OHM, 0.063W	
R1063	ERJ2GEJ220X	M 22 OHM, 0.063W	
R1064	ERJ2GEJ220X	M 22 OHM, 0.063W	
<b>—</b>	ERJ2GEJ220X	M 22 OHM, 0.063W	
R1066	EXB28V560J	RESISTOR ARRAY	
R1067 R1068	EXB28V560J EXB28V560J	RESISTOR ARRAY RESISTOR ARRAY	
R1069	EXB28V560J	RESISTOR ARRAY	
R1070	EXB28V560J	RESISTOR ARRAY	
R1071	ERJ3GEYJ220V	M 22 OHM, J, 1/16W	
R1072	ERJ3EKF1600	RESISTOR	
R1073	EXB28V560J	RESISTOR ARRAY	
R1074	EXB28V560J	RESISTOR ARRAY	
R1075	EXB28V560J	RESISTOR ARRAY	
R1076	EXB28V560J	RESISTOR ARRAY	
R1077	EXB28V560J	RESISTOR ARRAY	
R1078	EXB28V560J	RESISTOR ARRAY	
R1079	EXB28V560J	RESISTOR ARRAY	
R1080	EXB28V560J	RESISTOR ARRAY	
R1081	EXB28V560J	RESISTOR ARRAY	
R1082	EXB28V560J	RESISTOR ARRAY	
R1083	ERJ3GEY0R00V	M 0 OHM, J, 1/16W	
R1084	ERJ3GEY0R00V	M 0 OHM, J, 1/16W	
R1085	ERJ3GEY0R00V	M 0 OHM, J, 1/16W	
R1086	ERJ3GEYJ101V	M 100 OHM, J, 1/16W	
R1087 R1088	ERJ3GEYJ180V ERJ3GEYJ180V	M 18 OHM, J, 1/16W	
R1089	ERJ3GEYJ180V	M 18 OHM,J,1/16W M 18 OHM,J,1/16W	
R1090	ERJ2GEJ560	M 560 OHM, 0.063W	
R1091	ERJ2GEJ220X	M 22 OHM, 0.063W	
R1092	ERJ2GEJ220X	M 22 OHM, 0.063W	
R1093	ERJ2GEJ220X	M 22 OHM, 0.063W	
R1094	ERJ2GEJ220X	M 22 OHM, 0.063W	
R1095	ERJ3GEYJ101V	M 100 OHM,J,1/16W	
R1096	ERJ2GEJ220X	M 22 OHM, 0.063W	
R1097	ERJ2GEJ220X	M 22 OHM, 0.063W	
R1098	ERJ3GEYJ104V	M 100KOHM,J,1/16W	
R1099	ERJ2GEJ472X	M4.7K OHM, 0.063W	
R1100	ERJ2GEJ472X	M4.7K OHM, 0.063W	
R1101	ERJ2GEJ220X	M 22 OHM, 0.063W	
R1102	ERJ3EKF1371	M1.37KOHM, 1/16W	
R1103	ERJ6GEYJ750V	M 75 OHM, J, 1/10W	
R1104 R1105	ERJ2GEJ220X	M 22 OHM, 0.063W	
R1105	ERJ3EKF1002V ERJ3GEYJ471V	M 10KOHM, 1/16W M 470 OHM,J,1/16W	
R1107	ERJ3GEYJ471V	M 470 OHM, J, 1/16W	
R1108	ERJ2GEJ220X	M 22 OHM, 0.063W	
R1109	ERJ2GE0R00X	м 0 онм, 0.063W	
R1110	ERJ2GEJ220X	M 22 OHM, 0.063W	
R1111	ERJ3EKF1691	RESISTOR	
R1112	ERJ2GEJ220X	M 22 OHM, 0.063W	
R1113	ERJ3EKF1002V	M 10KOHM, 1/16W	
R1114	ERJ2GEJ220X	M 22 OHM, 0.063W	
R1115	ERJ2GEJ562X	M5.6K OHM, 0.063W	
R1116	EXB28V220J	RESISTOR ARRAY	
R1117	ERJ2GEJ220X	M 22 OHM, 0.063W	
R1118	ERJ2GEJ220X	M 22 OHM, 0.063W	
Image	ERJ2GEJ220X	M 22 OHM, 0.063W	
R1119			i .
R1120	ERJ3GEYJ560V	M 56 OHM, J, 1/16W	
R1120 R1121	ERJ2GE0R00X	м 0 ОНМ, 0.063W	
R1120			

No.	Part No.	Part Name & Description	Remarks
R1125	ERJ2GEJ562X	M5.6K OHM, 0.063W	
R1126	ERJ2GEJ560	м 560 ОНМ, 0.063W	
R1127	EXB28V220J	RESISTOR ARRAY	
R1128	ERJ6GEYJ122V	M 1.2KOHM,J,1/10W	
R1129	ERJ2GEJ220X	M 22 OHM, 0.063W	
R1130	ERJ2GEJ220X	M 22 OHM, 0.063W	
R1132	ERJ3EKF2742	RESISTOR	-
R1133	ERJ2GE0R00X	M 0 OHM, 0.063W	
R1134	EXB28V220J	RESISTOR ARRAY	
R1135	ERJ2GEJ220X	M 22 OHM, 0.063W M 56 OHM,J,1/16W	
R1136 R1137	ERJ3GEYJ560V ERJ3GEYJ104V	M 100KOHM,J,1/16W	
R1138	EXB28V220J	RESISTOR ARRAY	
R1140	ERJ2GEJ220X	M 22 OHM, 0.063W	
R1141	ERJ2GE0R00X	M 0 OHM, 0.063W	
R1142	ERJ2GEJ103X	M 10K OHM, 0.063W	
R1143	ERJ3EKF1002V	M 10KOHM, 1/16W	
R1144	ERJ2GEJ221X	M 220 OHM, 0.063W	
R1145	EXB28V220J	RESISTOR ARRAY	
R1146	EXB28V220J	RESISTOR ARRAY	
R1147	ERJ2GEJ220X	M 22 OHM, 0.063W	
R1148	ERJ2GE0R00X	M 0 OHM, 0.063W	
R1149	EXB28V220J	RESISTOR ARRAY	
R1150	ERJ3EKF1003V	M 100KOHM, 1/16W	
R1151	ERJ2GE0R00X	M 0 OHM, 0.063W	
R1152	ERJ2GEOROOX	M 0 OHM, 0.063W	
R1153	ERJ2GE0R00X	M 0 OHM, 0.063W	
R1154 R1155	ERJ3GEYJ560V ERJ6ENF1801	M 56 OHM, J, 1/16W RESISTOR	
R1157		M5.6K OHM, 0.063W	
R1161	ERJ3EKF3902V	M 39K OHM, 1/16W	
R1162	ERJ3GEY0R00V	M 0 OHM, J, 1/16W	
R1163	ERJ2GE0R00X	M 0 OHM, 0.063W	
R1165	ERJ2GE0R00X	м 0 ОНМ, 0.063W	
R1166	ERJ2GE0R00X	M 0 OHM, 0.063W	
R1167	ERJ6ENF1801	RESISTOR	
R1168	ERJ3EKF1002V	M 10KOHM, 1/16W	
R1169	ERJ3EKF3902V	M 39K OHM, 1/16W	
R1170	ERJ2GEJ220X	M 22 OHM, 0.063W	
R1171	ERJ2GEJ220X	M 22 OHM, 0.063W	
R1172		M 22 OHM, 0.063W	
R1173	ERJ2GEJ220X	M 22 OHM, 0.063W	
R1174	ERJ2GEJ220X	M 22 OHM, 0.063W	
R1175 R1176	ERJ2GEJ220X ERJ3GEYJ104V	M 22 OHM, 0.063W M 100KOHM,J,1/16W	
R1177	ERJ2GEJ103X	M 10K OHM, 0.063W	
R1178	ERJ2GEJ103X	M 10K OHM, 0.063W	
R1179	ERJ6ENF1801	RESISTOR	
R1180	ERJ6ENF1801	RESISTOR	
R1181	ERJ6GEYJ471V	RESISTOR	
R1182	ERJ6GEYJ471V	RESISTOR	
R1183	ERJ2GE0R00X	M 0 OHM, 0.063W	
R1184	ERJ3EKF2201	l., a a	
<del></del>	<del> </del>	M 2.2KOHM, 1/16W	
R1185	ERJ2GEJ103X	M 10K OHM, 0.063W	
R1185 R1186	ERJ2GEJ103X	M 10K OHM, 0.063W M 10K OHM, 0.063W	
R1185 R1186 R1187	ERJ2GEJ103X ERJ6ENF1001V	M 10K OHM, 0.063W M 10K OHM, 0.063W M 1KOHM, 1/10W	
R1185 R1186 R1187 R1188	ERJ2GEJ103X ERJ6ENF1001V ERJ6ENF1001V	M 10K OHM, 0.063W M 10K OHM, 0.063W M 1KOHM, 1/10W M 1KOHM, 1/10W	
R1185 R1186 R1187 R1188 R1189	ERJ2GEJ103X ERJ6ENF1001V ERJ6ENF1001V ERJ3EKF1072	M 10K OHM, 0.063W M 10K OHM, 0.063W M 1KOHM, 1/10W M 1KOHM, 1/10W RESISTOR	
R1185 R1186 R1187 R1188 R1189 R1190	ERJ2GEJ103X ERJ6ENF1001V ERJ6ENF1001V ERJ3EKF1072 ERJ6GEYJ471V	M 10K OHM, 0.063W M 10K OHM, 0.063W M 1KOHM, 1/10W M 1KOHM, 1/10W RESISTOR RESISTOR	
R1185 R1186 R1187 R1188 R1189 R1190	ERJ2GEJ103X ERJ6ENF1001V ERJ6ENF1001V ERJ3EKF1072 ERJ6GEYJ471V ERJ6ENF1001V	M 10K OHM, 0.063W M 10K OHM, 0.063W M 1KOHM, 1/10W M 1KOHM, 1/10W RESISTOR RESISTOR M 1KOHM, 1/10W	
R1185 R1186 R1187 R1188 R1189 R1190 R1191 R1192	ERJ2GEJ103X ERJ6ENF1001V ERJ6ENF1001V ERJ3EKF1072 ERJ6GEYJ471V ERJ6ENF1001V ERJ2GE0R00X	M 10K OHM, 0.063W M 10K OHM, 0.063W M 1KOHM, 1/10W M 1KOHM, 1/10W RESISTOR RESISTOR M 1KOHM, 1/10W M 0 OHM, 0.063W	
R1185 R1186 R1187 R1188 R1189 R1190 R1191 R1192 R1193	ERJ2GEJ103X ERJ6ENF1001V ERJ6ENF1001V ERJ3EKF1072 ERJ6GEYJ471V ERJ6ENF1001V ERJ2GE0R00X ERJ2GEJ220X	M 10K OHM, 0.063W M 10K OHM, 0.063W M 1KOHM, 1/10W M 1KOHM, 1/10W RESISTOR RESISTOR M 1KOHM, 1/10W M 0 OHM, 0.063W M 22 OHM, 0.063W	
R1185 R1186 R1187 R1188 R1189 R1190 R1191 R1192	ERJ2GEJ103X ERJ6ENF1001V ERJ6ENF1001V ERJ3EKF1072 ERJ6GEYJ471V ERJ6ENF1001V ERJ2GE0R00X	M 10K OHM, 0.063W M 10K OHM, 0.063W M 1KOHM, 1/10W M 1KOHM, 1/10W RESISTOR RESISTOR M 1KOHM, 1/10W M 0 OHM, 0.063W M 22 OHM, 0.063W M 22 OHM, 0.063W	
R1185 R1186 R1187 R1188 R1189 R1190 R1191 R1192 R1193 R1194	ERJ2GEJ103X ERJ6ENF1001V ERJ6ENF1001V ERJ3EKF1072 ERJ6GEYJ471V ERJ6ENF1001V ERJ2GEOR00X ERJ2GEJ220X	M 10K OHM, 0.063W M 10K OHM, 0.063W M 1KOHM, 1/10W M 1KOHM, 1/10W RESISTOR RESISTOR M 1KOHM, 1/10W M 0 OHM, 0.063W M 22 OHM, 0.063W M 22 OHM, 0.063W M 22 OHM, 0.063W	
R1185 R1186 R1187 R1188 R1189 R1190 R1191 R1192 R1193 R1194 R1195	ERJ2GEJ103X ERJ6ENF1001V ERJ6ENF1001V ERJ3EKF1072 ERJ6GEYJ471V ERJ6ENF1001V ERJ2GEOR00X ERJ2GEJ220X ERJ2GEJ220X	M 10K OHM, 0.063W M 10K OHM, 0.063W M 1KOHM, 1/10W M 1KOHM, 1/10W RESISTOR RESISTOR M 1KOHM, 1/10W M 0 OHM, 0.063W M 22 OHM, 0.063W M 22 OHM, 0.063W	
R1185 R1186 R1187 R1188 R1189 R1190 R1191 R1192 R1193 R1194 R1195 R1196	ERJ2GEJ103X ERJ6ENF1001V ERJ6ENF1001V ERJ3EKF1072 ERJ6GEYJ471V ERJ6ENF1001V ERJ2GEOR00X ERJ2GEJ220X ERJ2GEJ220X ERJ2GEJ220X ERJ2GEJ220X	M 10K OHM, 0.063W M 10K OHM, 0.063W M 1KOHM, 1/10W M 1KOHM, 1/10W RESISTOR RESISTOR M 1KOHM, 1/10W M 0 OHM, 0.063W M 22 OHM, 0.063W	
R1185 R1186 R1187 R1188 R1189 R1190 R1191 R1192 R1193 R1194 R1195 R1196 R1197	ERJ2GEJ103X ERJ6ENF1001V ERJ6ENF1001V ERJ3EKF1072 ERJ6GEYJ471V ERJ6ENF1001V ERJ2GEOR00X ERJ2GEJ220X ERJ2GEJ220X ERJ2GEJ220X ERJ2GEJ220X ERJ2GEJ220X ERJ2GEJ220X	M 10K OHM, 0.063W M 10K OHM, 0.063W M 1KOHM, 1/10W M 1KOHM, 1/10W RESISTOR RESISTOR M 1KOHM, 1/10W M 0 OHM, 0.063W M 22 OHM, 0.063W	
R1185 R1186 R1187 R1188 R1189 R1190 R1191 R1192 R1193 R1194 R1195 R1196 R1197 R1198	ERJ2GEJ103X ERJ6ENF1001V ERJ6ENF1001V ERJ3EKF1072 ERJ6GEYJ471V ERJ2GENF1001V ERJ2GEOR00X ERJ2GEJ220X ERJ2GEJ220X ERJ2GEJ220X ERJ2GEJ220X ERJ2GEJ220X ERJ2GEJ220X ERJ2GEJ220X	M 10K OHM, 0.063W M 10K OHM, 0.063W M 1KOHM, 1/10W M 1KOHM, 1/10W RESISTOR RESISTOR M 1KOHM, 1/10W M 0 OHM, 0.063W M 22 OHM, 0.063W	
R1185 R1186 R1187 R1188 R1189 R1190 R1191 R1192 R1193 R1194 R1195 R1196 R1197 R1198 R1199	ERJ2GEJ103X ERJ6ENF1001V ERJ6ENF1001V ERJ3EKF1072 ERJ6GEYJ471V ERJ6ENF1001V ERJ2GEOR00X ERJ2GEJ220X ERJ2GEJ220X ERJ2GEJ220X ERJ2GEJ220X ERJ2GEJ220X ERJ2GEJ220X ERJ2GEJ220X ERJ2GEJ260X ERJ2GEJ260X	M 10K OHM, 0.063W M 10K OHM, 0.063W M 1KOHM, 1/10W M 1KOHM, 1/10W RESISTOR RESISTOR M 1KOHM, 1/10W M 0 OHM, 0.063W M 22 OHM, 0.063W M 560 OHM, 0.063W	
R1185 R1186 R1187 R1188 R1189 R1190 R1191 R1192 R1193 R1194 R1195 R1196 R1197 R1198 R1199 R1200 R1201 R1202	ERJ2GEJ103X ERJ6ENF1001V ERJ6ENF1001V ERJ3EKF1072 ERJ6GEYJ471V ERJ2GEOR00X ERJ2GEJ220X ERJ2GEJ220X ERJ2GEJ220X ERJ2GEJ220X ERJ2GEJ220X ERJ2GEJ220X ERJ2GEJ260 ERJ2GEJ560 ERJ2GEJ560 ERJ2GEJ560 ERJ2GEJ263X	M 10K OHM, 0.063W M 10K OHM, 0.063W M 1KOHM, 1/10W M 1KOHM, 1/10W RESISTOR RESISTOR M 1KOHM, 1/10W M 0 OHM, 0.063W M 22 OHM, 0.063W M 560 OHM, 0.063W M 560 OHM, 0.063W M 560 OHM, 0.063W M 0 OHM, 0.063W	
R1185 R1186 R1187 R1188 R1189 R1190 R1191 R1192 R1193 R1194 R1195 R1196 R1197 R1198 R1199 R1199 R1200	ERJ2GEJ103X ERJ6ENF1001V ERJ6ENF1001V ERJ3EKF1072 ERJ6GEYJ471V ERJ2GEOR00X ERJ2GEJ220X ERJ2GEJ220X ERJ2GEJ220X ERJ2GEJ220X ERJ2GEJ220X ERJ2GEJ220X ERJ2GEJ260 ERJ2GEJ560 ERJ2GEJ560 ERJ2GERJ00X	M 10K OHM, 0.063W M 10K OHM, 0.063W M 1KOHM, 1/10W M 1KOHM, 1/10W RESISTOR RESISTOR M 1KOHM, 1/10W M 0 OHM, 0.063W M 22 OHM, 0.063W M 26 OHM, 0.063W M 560 OHM, 0.063W M 560 OHM, 0.063W M 560 OHM, 0.063W M 0 OHM, 0.063W	

Ref.	Part No.	Part Name & Description	Remarks
No.	rait No.	rait Name & Description	Kemarks
R1206		M 100 OHM,J,1/16W	
R1207	ERJ2GEJ473X	M 47K OHM, 0.063W	
R1208 R1209	EXB28V560J EXB28V560J	RESISTOR ARRAY RESISTOR ARRAY	
R1210	EXB28V560J	RESISTOR ARRAY	
R1211	EXB28V560J	RESISTOR ARRAY	
R1212	EXB28V560J	RESISTOR ARRAY	
R1213	EXB28V560J	RESISTOR ARRAY	
R1214	EXB28V560J	RESISTOR ARRAY	
R1215	EXB28V560J	RESISTOR ARRAY	
R1216	EXB28V560J	RESISTOR ARRAY	
R1217	ERJ3GEYJ473V	M 47KOHM, J, 1/16W	
R1218 R1219	ERJ3GEYJ473V ERJ3GEYJ473V	M 47KOHM, J, 1/16W M 47KOHM, J, 1/16W	
R1220		M 0 OHM, J, 1/16W	
R1221	ERJ3GEY0R00V	M 0 OHM, J, 1/16W	
R1222	ERJ3GEY0R00V	M 0 OHM,J,1/16W	
R1223	ERJ2GEJ560	M 560 OHM, 0.063W	
R1227	ERJ3GEYJ220V	M 22 OHM,J,1/16W	
R1228		M 22 OHM,J,1/16W	
R1229		M 22 OHM, J, 1/16W	
R1233		M 22 OHM, 0.063W	
R1234 R1235	ERJ3GEYJ220V EXB28V102JX	M 22 OHM, J, 1/16W RESISTOR ARRAY	
R1236	ERJ2GEJ472X	M4.7K OHM, 0.063W	
R1237		M 22 OHM, J, 1/16W	
R1238	ERJ3GEYJ220V	M 22 OHM,J,1/16W	
R1239	ERJ2GEJ472X	M4.7K OHM, 0.063W	
R1240	EXB28V102JX	RESISTOR ARRAY	
R1244	ERJ2GEJ220X	M 22 OHM, 0.063W	
R1245	ERJ2GEJ220X	M 22 OHM, 0.063W	
R1246	ERJ2GEJ220X	M 22 OHM, 0.063W	
R1247 R1248	ERJ2GEJ681X ERJ2GEJ681X	M 680 OHM, 0.063W	
R1249	ERJ3GEY0R00V	M 680 OHM, 0.063W M 0 OHM,J,1/16W	
R1250	ERJ3GEY0R00V	M 0 OHM, J, 1/16W	
R1251		M 0 OHM,J,1/16W	
R1253	ERJ3GEYJ472V	M 4.7KOHM,J,1/16W	
R1254	ERJ3GEYJ220V	M 22 OHM,J,1/16W	
R1255	ERJ2GE0R00X	M 0 OHM, 0.063W	
R1256	ERJ3GEYJ331V	M 330 OHM,J,1/16W	
R1257 R1258	ERJ2GEJ560 EXB28V560J	M 560 OHM, 0.063W RESISTOR ARRAY	
R1258		M O OHM, 0.063W	
R1260		M 0 OHM, 0.063W	
R1263	ERJ3GEYJ220V	M 22 OHM, J, 1/16W	
R1264	ERJ2GE0R00X	м 0 ОНМ, 0.063W	
R1265	ERJ3GEYJ102V	M 1K OHM,J,1/16W	
R1266	ERJ2GE0R00X	M 0 OHM, 0.063W	
R1267	ERJ2GE0R00X	M 0 OHM, 0.063W	
R1268	ERJ2GE0R00X	M 0 OHM, 0.063W	
R1269 R1270	ERJ2GE0R00X ERJ3GEYJ220V	M 0 OHM, 0.063W M 22 OHM,J,1/16W	
R1270	ERJ3GEYJ102V	M 1K OHM, J, 1/16W	
R1273	ERJ3GEYJ220V	M 22 OHM, J, 1/16W	
R1274	EXB28V560J	RESISTOR ARRAY	
R1275	ERJ2GEJ560	M 560 OHM, 0.063W	
R1276	EXB28V560J	RESISTOR ARRAY	
R1277	EXB28V560J	RESISTOR ARRAY	
R1278	EXB28V560J	RESISTOR ARRAY	
R1279	EXB28V560J	RESISTOR ARRAY	
R1280 R1281	EXB28V560J EXB28V560J	RESISTOR ARRAY RESISTOR ARRAY	
R1282	EXB28V560J	RESISTOR ARRAY	
R1283	EXB28V560J	RESISTOR ARRAY	
R1284	ERJ2GEJ472X	M4.7K OHM, 0.063W	
R1285	ERJ2GEJ3R9X	м 3.9 ОНМ, 0.063W	
R1286	ERJ2GEJ3R9X	M 3.9 OHM, 0.063W	
R1287	ERJ2GEJ3R9X	M 3.9 OHM, 0.063W	
R1288	ERJ2GEJ3R9X	M 3.9 OHM, 0.063W	
R1289	ERJ2GEJ3R9X	M 3.9 OHM, 0.063W	
R1290 R1291	ERJ2GEJ3R9X	M 3.9 OHM, 0.063W	
	ERJ2GEJ3R9X	M 3.9 OHM, 0.063W	i .

Ref.	Part No.	Part Name & Description	Remarks
No. R1292	ERJ2GEJ3R9X	M 3.9 OHM, 0.063W	
_	ERJ2GEJ102X	M 1K OHM, 0.063W	
	ERJ2GEJ101X	M 100 OHM, 0.063W	
R1297	ERJ3GEYJ331V	M 330 OHM,J,1/16W	
R1298	EXB28V220J	RESISTOR ARRAY	
R1301	ERJ3GEYJ102V	M 1K OHM,J,1/16W	
R1302	ERJ3GEYJ473V	M 47KOHM,J,1/16W	
R1303	ERJ3GEYJ101V	M 100 OHM,J,1/16W	
R1304	ERJ3GEYJ103V	M 10KOHM,J,1/16W	
	ERJ3GEYJ105V	M 1M OHM,J,1/16W	
	EXB28V220J	RESISTOR ARRAY	
	ERJ3EKF1002V ERJ3EKF1002V	M 10KOHM, 1/16W	
	ERJ3EKF1602V ERJ3EKF1691	M 10KOHM, 1/16W RESISTOR	
		M 1K OHM, J, 1/16W	
	ERJ3GEYJ221V	RESISTOR	
	EXB28V102JX	RESISTOR ARRAY	
R1317	ERJ3GEYJ103V	м 10КОНМ, J, 1/16W	
R1324	ERJ3GEYJ101V	M 100 OHM,J,1/16W	
R1325	ERJ2GEJ223X	RESISTOR	
R1347	ERJ2GEJ103X	M 10K OHM, 0.063W	
R1348	ERJ2GEJ101X	M 100 OHM, 0.063W	
	ERJ2GEJ103X	M 10K OHM, 0.063W	
		M5.6K OHM, 0.063W	
-	ERJ2GEJ103X	M 10K OHM, 0.063W	
		M 10 OHM, J, 1/10W	
	ERJ2GEJ562X ERJ2GE0R00X	M5.6K OHM, 0.063W M 0 OHM, 0.063W	
	ERJ2GEURUUX ERJ2GEJ560	M 560 OHM, 0.063W	
	ERJ6GEYJ100V	M 10 OHM, J, 1/10W	
	ERJ6GEYJ560V	M 56 OHM, J, 1/10W	
R1381	ERJ3EKF2202	RESISTOR	
R1383	ERJ3GEYJ102V	M 1K OHM,J,1/16W	
R1389	ERJ2GEJ333X	RESISTOR	
R1402	ERJ2GEJ101X	M 100 OHM, 0.063W	
R1414	ERJ3GEYJ102V	M 1K OHM,J,1/16W	
	ERJ3EKF2202	RESISTOR	
		M 150 OHM, J, 1/16W	
	ERJ2GEJ103X	M 10K OHM, 0.063W	
	ERJ6GEYJ122V ERJ3EKF1802	M 1.2KOHM, J, 1/10W	
	ERJ3EKF1002V	M 10KOHM, 1/16W	
	ERJ3EKF2702V	RESISTOR	
R1505	ERJ3GEYJ104V	M 100KOHM, J, 1/16W	
R1506	ERJ3GEYJ104V	M 100KOHM,J,1/16W	
R1507	ERJ3GEYJ104V	M 100KOHM,J,1/16W	
R1512	ERJ3EKF1003V	M 100KOHM, 1/16W	
R1513	ERJ3EKF3902V	M 39K OHM, 1/16W	
R1517	ERJ3GEYJ220V	M 22 OHM,J,1/16W	
R1518	ERJ3GEYJ151V	M 150 OHM, J, 1/16W	
	ERJ3GEY0R00V	M 0 OHM, J, 1/16W	
R1553	ERJ3GEYJ103V	M 10KOHM, J, 1/16W	
R1566	ERJ3GEY0R00V	M 0 OHM, J, 1/16W	
	ERJ2GE0R00X	M 0 OHM, 0.063W	
ו לוירואו	EB'13GEAUDUUA	M 0 OHM.T.1/16W	i .
R1572 R1574	ERJ3GEY0R00V ERJ3GEY0R00V	M 0 OHM,J,1/16W M 0 OHM,J,1/16W	
R1574	ERJ3GEY0R00V ERJ3GEY0R00V ERJ2GE0R00X	M 0 OHM,J,1/16W	
R1574 R1577	ERJ3GEY0R00V		
R1574 R1577	ERJ3GEY0R00V ERJ2GE0R00X	M 0 OHM, J, 1/16W M 0 OHM, 0.063W	
R1574 R1577 R1600 R1601	ERJ3GEY0R00V ERJ2GE0R00X ERJ3GEYJ470V	M 0 OHM, J, 1/16W M 0 OHM, 0.063W M 47 OHM, J, 1/16W	
R1574 R1577 R1600 R1601 R1602	ERJ3GEY0R00V ERJ2GE0R00X ERJ3GEYJ470V EXB28V560J	M 0 OHM, J, 1/16W M 0 OHM, 0.063W M 47 OHM, J, 1/16W RESISTOR ARRAY	
R1574 R1577 R1600 R1601 R1602 R1609	ERJ3GEY0R00V ERJ2GE0R00X ERJ3GEYJ470V EXB28V560J EXB28V560J	M 0 OHM,J,1/16W M 0 OHM, 0.063W M 47 OHM,J,1/16W RESISTOR ARRAY RESISTOR ARRAY	
R1574 R1577 R1600 R1601 R1602 R1609 R1610 R1611	ERJ3GEYOROOV ERJ2GEOROOX ERJ3GEYJ47OV EXB28V56OJ EXB28V56OJ EXB28V56OJ EXB28V56OJ ERJ3GEYJ123V	M 0 OHM, J, 1/16W M 0 OHM, 0.063W M 47 OHM, J, 1/16W RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY	
R1574 R1577 R1600 R1601 R1602 R1609 R1610 R1611 R1614	ERJ3GEYOROOV ERJ2GEOROOX ERJ3GEYJ47OV EXB28V560J EXB28V560J EXB28V560J EXB28V560J ERJ3GEYJ123V ERJ2GEJ472X	M 0 OHM, J, 1/16W M 0 OHM, 0.063W M 47 OHM, J, 1/16W RESISTOR ARRAY	
R1574 R1577 R1600 R1601 R1602 R1609 R1610 R1611 R1614 R1616	ERJ3GEYOROOV ERJ2GEOROOX ERJ3GEYJ47OV EXB28V560J EXB28V560J EXB28V560J EXB28V560J ERJ3GEYJ123V ERJ2GEJ472X ERJ2GEJ472X	M 0 OHM, J, 1/16W M 0 OHM, 0.063W M 47 OHM, J, 1/16W RESISTOR ARRAY	
R1574 R1577 R1600 R1601 R1602 R1609 R1610 R1611 R1614 R1616 R1617	ERJ3GEYOROOV ERJ2GEOROOX ERJ3GEYJ47OV EXB28V560J EXB28V560J EXB28V560J EXB28V560J ERJ3GEYJ123V ERJ2GEJ472X ERJ2GEJ472X	M 0 OHM, J, 1/16W M 0 OHM, 0.063W M 47 OHM, J, 1/16W RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY RESISTOR M4.7K OHM, 0.063W M4.7K OHM, 0.063W M4.7K OHM, J, 1/16W	
R1574 R1577 R1600 R1601 R1602 R1609 R1610 R1611 R1614 R1616 R1617 R1623	ERJ3GEYOROOV ERJ2GEOROOX ERJ3GEYJ47OV EXB28V560J EXB28V560J EXB28V560J ERJ3GEYJ123V ERJ2GEJ472X ERJ2GEJ472X ERJ3GEYJ473V ERJ2GEJ472X	M 0 OHM, J, 1/16W M 0 OHM, 0.063W M 47 OHM, J, 1/16W RESISTOR ARRAY RESISTOR M4.7K OHM, 0.063W M4.7K OHM, 0.063W M4.7K OHM, 0.063W M4.7K OHM, 0.063W	
R1574 R1577 R1600 R1601 R1602 R1609 R1610 R1611 R1614 R1616 R1617 R1623 R1624	ERJ3GEY0R00V ERJ2GE0R00X ERJ3GEYJ470V EXB28V560J EXB28V560J EXB28V560J ERJ3GEYJ123V ERJ2GEJ472X ERJ2GEJ472X ERJ2GEJ472X ERJ2GEJ472X ERJ2GEJ472X ERJ2GEJ472X	M 0 OHM, J, 1/16W M 0 OHM, 0.063W M 47 OHM, J, 1/16W RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY RESISTOR M4.7K OHM, 0.063W RESISTOR	
R1574 R1577 R1600 R1601 R1602 R1609 R1610 R1611 R1614 R1616 R1617 R1623 R1624 R1629	ERJ3GEY0R00V ERJ2GE0R00X ERJ3GEYJ470V EXB28V560J EXB28V560J EXB28V560J ERJ3GEYJ123V ERJ2GEJ472X ERJ2GEJ472X ERJ2GEJ472X ERJ2GEJ472X ERJ2GEJ472X ERJ3GEYJ473V ERJ2GEJ472X ERJ3GEYJ472X	M 0 OHM, J, 1/16W M 0 OHM, 0.063W M 47 OHM, J, 1/16W RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY RESISTOR M4.7K OHM, 0.063W M4.7K OHM, J, 1/16W M4.7K OHM, J, 1/16W	
R1574 R1577 R1600 R1601 R1602 R1609 R1610 R1611 R1614 R1616 R1617 R1623 R1624 R1629 R1632	ERJ3GEY0R00V ERJ2GE0R00X ERJ3GEYJ470V EXB28V560J EXB28V560J EXB28V560J ERJ3GEYJ123V ERJ2GEJ472X ERJ2GEJ472X ERJ2GEJ472X ERJ2GEJ472X ERJ3GEYJ473V ERJ2GEJ472X ERJ3GEYJ472X ERJ3GEYJ472X ERJ3GEYJ472X	M 0 OHM, J, 1/16W M 0 OHM, 0.063W M 47 OHM, J, 1/16W RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY RESISTOR M4.7K OHM, 0.063W M4.7K OHM, J, 1/16W M4.7K OHM, J, 1/16W M4.7K OHM, J, 1/16W M1.7K OHM, J, 1/16W M1.7K OHM, J, 1/16W M1.7K OHM, J, 1/16W	
R1574 R1577 R1600 R1601 R1602 R1609 R1610 R1611 R1614 R1616 R1617 R1623 R1624 R1629 R1632 R1633	ERJ3GEY0R00V ERJ2GE0R00X ERJ3GEYJ470V EXB28V560J EXB28V560J EXB28V560J ERJ3GEYJ123V ERJ2GEJ472X ERJ2GEJ472X ERJ2GEJ472X ERJ2GEJ472X ERJ2GEJ472X ERJ3GEYJ473V ERJ2GEJ472X ERJ3GEYJ472X	M 0 OHM, J, 1/16W M 0 OHM, 0.063W M 47 OHM, J, 1/16W RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY RESISTOR ARRAY RESISTOR M4.7K OHM, 0.063W M4.7K OHM, J, 1/16W M4.7K OHM, J, 1/16W	

Ref.   Part No.   Part Name & Description   Remarks				
R1637 ERJ3GEYJ473V M 47KOHM, J, 1/16W R1639 ERJ3GEYJ471V M 47KOHM, J, 1/16W R1641 ERJ3GEYJ61V M 47KOHM, J, 1/16W R1641 ERJ3GEYJ61V M 70 OHM, J, 1/16W R1641 ERJ3GEY5621 RESISTOR R1643 ERJ3GEY5611 RESISTOR R1644 ERJ3GEY51101 RESISTOR R1644 ERJ3GEY51101 RESISTOR R1645 ERJ3GEY51104 M 120KOHM, J, 1/16W R1646 ERJ3GEYJ1124V M 120KOHM, J, 1/16W R1646 ERJ3GEYJ124V M 120KOHM, J, 1/16W R1651 ERJ3GEYJ124V M 120KOHM, J, 1/16W R1652 ERJ3GEYJ3923 RESISTOR R1655 ERJ3GEYJ3923 RESISTOR R1656 ERJ3GEYJ105V M M 10 OHM, J, 1/16W R1658 ERJ3GEYJ105V M M 10 OHM, J, 1/16W R1658 ERJ3GEYJ105V M SESISTOR ARRAY R1651 ERZ2GEJ01AX M 10 OHM, J, 1/16W R1661 ERZGEY560J RESISTOR ARRAY R1667 ERJ3GEYJ31V M 560 OHM, J, 1/16W R1673 ERJ3GEYJ31V M 560 OHM, J, 1/16W R1679 ERJ3GEYJ31V M 560 OHM, J, 1/16W R1679 ERJ3GEYJ31V M 560 OHM, J, 1/16W R1679 ERJ3GEYJ31V M 570 OHM, J, 1/16W R1679 ERJ3GEYJ31V M 100 OHM, J, 1/16W R1692 ERJ3GEYJ41V M 470 OHM, J, 1/16W R1693 ERJ2GEJ101X M 100 OHM, J, 1/16W R1693 ERJ2GEJ101X M 100 OHM, J, 1/16W R1700 ERZ2GEJ101X M 100 OHM, J, 1/16W R1700 ERZ2GEJ101X M 100 OHM, J, 1/16W R1701 ERZ2GEJ101X M 100 OHM, J, 1/16W R1701 ERZ2GEJ101X M 100 OHM, J, 1/16W R1701 ERZ2GEJ01X M 100 OHM, J, 1/16W R1701 ERZ2GEJ010X M 100 OHM, J, 1/16W R1701 ERZ2GEJ010X M 100 OHM, J, 1/16W R1701 ERZ2GEJ010X M 100 OHM, J, 1/16W R1711 EXZ2GEJ010X M 1	1	Part No.	Part Name & Description	Remarks
R1638 RJ3GEYJ473V M 47KOHM, J, 1/16W R1639 ERJ3GEYJ471V M 470 OHM, J, 1/16W R1641 ERJ3EKP5621 RESISTOR R1642 ERJ3EKP5621 RESISTOR R1642 ERJ3EKP1101 RESISTOR R1644 ERJ3EKP1101 RESISTOR R1646 ERJ3EKP1101 RESISTOR R1646 ERJ3EKP1101 RESISTOR R1646 ERJ3EKP323 RESISTOR R1647 ERJ3GEYJ34V M 4.7KOHM, J, 1/16W R1653 ERJ3GEYJ34V M 4.7KOHM, J, 1/16W R1654 ERJ3EKP3923 RESISTOR R1655 ERJ3EKP3923 RESISTOR R1655 ERJ3EKP3923 RESISTOR R1656 ERJ3GEYJ105V M 1M OHM, J, 1/16W R1658 ERJ3GEYJ105V M 1M OHM, J, 1/16W R1659 ERJ3GEYJ105V M 1M OHM, J, 1/16W R1661 EXE2EV560J RESISTOR ARRAY R1661 EXE2EV560J RESISTOR ARRAY R1662 ERJ3GEYJ305V M 390 OHM, J, 1/16W R1663 ERJ3GEYJ305V M 390 OHM, J, 1/16W R1661 ERJ3GEYJ305V M 390 OHM, J, 1/16W R1679 ERJ3GEYJ301V M 470 OHM, J, 1/16W R1692 ERJ3GEYJ301X M 10K OHM, 0.063W R1693 ERJ3GEJJ301X M 10K OHM, 0.063W R1693 ERJ3GEJJ31V M 470 OHM, J, 1/16W R1699 ERJ3GEJJ01X M 10W OHM, J, 1/16W R1707 ERZSEV560J RESISTOR ARRAY R1701 ERZSEV560J RESISTOR ARRAY R1711 EXZSEV560J RESISTOR ARRAY R1711 EXZSEV560J RESISTOR ARRAY R1711 EXZSEV560J RESISTOR ARRAY R1711 ERZSEV560J RESISTOR ARRAY R1712 ERZSEV560J RESISTOR ARRAY R1713 ERZSEV560J RESISTOR ARRAY R1714 ERZSEV560J RESISTOR ARRAY R1712 ERZSEV560J RESISTOR ARRAY R1713 ERZSEV560J RESISTOR ARRAY R1714 ERZSEV560J RESISTOR ARRAY R1713 ERZSEV560J RESISTOR ARRAY R1714 ERZSEV560J RESISTOR ARRAY R1714 ERZSEV560J RESISTOR ARRAY R1730 ERZSEV50	<b>—</b>	ED 12 CEV 1472V	M 47KOUM T 1/16W	
R1693 ER33GEYJ171V M 470 CHM, J, 1/16W R1641 ER33EKF5621 RESISTOR R1643 ER33EKF5621 RESISTOR R1644 ER33EKF101 RESISTOR R1644 ER33EKF101 RESISTOR R1645 ER33EKF101 RESISTOR R1646 ER33GEXJ124V M 120KOHM, J, 1/16W R1645 ER33EKF3923 RESISTOR R1656 ER33EKF3923 RESISTOR R1657 ER33GEXJ124V M 470 CHM, J, 1/16W R1658 ER33EKF3923 RESISTOR R1656 ER33EKF3923 RESISTOR R1657 ER33GEXJ171V M 470 CHM, J, 1/16W R1658 ER33GEXJ3EXF3923 RESISTOR R1656 ER33GEXJ510 RESISTOR R1657 ER33GEXJ510 RESISTOR R1658 ER33GEXJ510 RESISTOR R1659 ER33GEXJ510 RESISTOR R1659 ER33GEXJ510 RESISTOR R1661 EXE22V560J RESISTOR ARRAY R1662 ER33GEXJ510 RESISTOR R1679 ER33GEXJ20V M 22 CHM, J, 1/16W R1671 ER33GEXJ3EXV M 560 CHM, J, 1/16W R1679 ER33GEXJ3EXV M 10K CHM, O.063W R1682 ER32GEXJ3X M 10K CHM, O.063W R1682 ER32GEXJ3X M 10K CHM, O.063W R1683 ER32GEXJ3X M 10K CHM, O.063W R1694 ER33GEXJ471V M 470 CHM, J, 1/16W R1695 ER33GEXJ471V M 470 CHM, J, 1/16W R1697 ER3GEXJ3TIV M 100 CHM, O.063W R1696 ER3GEXJ471V M 100 CHM, O.063W R1707 EXE2V560J RESISTOR ARRAY R1707 EXE2V560J RESISTOR ARRAY R1708 EXE2V560J RESISTOR ARRAY R1711 EXE2V560J RESISTOR ARRAY R1713 EXE2V560J RESISTOR ARRAY R1713 EXE2V560J RESISTOR ARRAY R1713 EXE2V560J RESISTOR ARRAY R1713 EXE3CU20J RESISTOR ARRAY R1721 EXG2GEX160 M R0 M R0 MM, J, J/16W R1722 EXG2GEX160 M R0 M R0 MM, J, J/16W R1723 EXG2GEX16V M R0 M R0 MM, J, J/16W R1733 EXE2V20J RESISTOR R2003 ER33EKF				
R1641 R0.73EKYS521 RESISTOR R1642 ERJJEKYS621 RESISTOR R1644 ERJJEKYS621 RESISTOR R1644 ERJJEKYS101 RESISTOR R1646 ERJJEKY1101 RESISTOR R1646 ERJJEKY1101 RESISTOR R1646 ERJJEKY11024 M 120KOHM, J, 1/16W R1645 ERJJEKY124V M 120KOHM, J, 1/16W R1653 ERJJEKY3923 RESISTOR R1654 ERJJEKY3923 RESISTOR R1655 ERJJEKY3923 RESISTOR R1656 ERJJEKY3923 RESISTOR R1656 ERJJEKY3923 RESISTOR R1657 ERJJEKY3923 RESISTOR R1657 ERJJEKY3923 RESISTOR R1658 ERJJEKY3923 RESISTOR R1659 ERJJEKY3923 RESISTOR R1651 ERJJEKY3923 RESISTOR R1651 ERJJEKY3923 RESISTOR R1652 ERJJEKY3923 RESISTOR R1653 ERJJEKY3923 RESISTOR R1654 ERJJEKY3925 M 1 M 0HM, J, 1/16W R1663 EXBEZEVS60J RESISTOR ARRAY R1667 ERJJEKY3921 M 851STOR R1661 EXZEZEVS60J RESISTOR R1671 ERJJEKY3921 M RESISTOR R1672 ERJJEKY3921 M RESISTOR R1673 ERJJEKY3921 M 390 OHM, J, 1/16W R1673 ERJJEKY3921 M 390 OHM, J, 1/16W R1679 ERJJECHIOLX R1681 ERJZECHIOLX R1682 ERJZECHIOLX M 10K OHM, 0.063W R1693 ERJZECHIOLX R1696 ERJJECHIOLX R1697 ERJZECHIOLX R1709 EXZEZEVS60J RESISTOR ARRAY R1709 EXZEZEVS60J RESISTOR ARRAY R1709 EXZEZEVS60J RESISTOR ARRAY R1710 EXZEZEVS60J RESISTOR ARRAY R1710 EXZEZEVS60J RESISTOR ARRAY R1710 EXZEZEVS60J RESISTOR ARRAY R1711 EXZEZEVS60J RESISTOR ARRAY R1712 ERZZEZUSOJ RESISTOR ARRAY R1713 EXZEZEVS20J RESISTOR ARRAY R1714 ERJZEGHIOLX M 10K OHM, 0.063W R1717 ERJJECHIOLX R1720 EXZEZEVS00J RESISTOR ARRAY R1711 EXZEZEVS00J RESISTOR ARRAY R1712 ERZZEZUSOJ RESISTOR ARRAY R1713 EXZEZEVS20J RESISTOR ARRAY R1714 ERJZEGHIOLX R 10K OHM, J, 1/16W R1720 EXZEZEVS20J RESISTOR ARRAY R1713 EXZEZEVS20J RESISTOR R2004 ERJJEKYS14 M 300 OHM,				
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R1646 ERJ3GEYJ124V M 120KOHM, J, 1/16W R1653 ERJ3GEY0472V M 4.7KOHM, J, 1/16W R1655 ERJ3EKF3923 RESISTOR R1655 ERJ3EKF3923 RESISTOR R1655 ERJ3EKF3923 RESISTOR R1656 ERJ3EKF3923 RESISTOR R1657 REJ3GEY0471V M 470 CHM, J, 1/16W R1658 ERJ3GEYJ10SV M 1M COHM, J, 1/16W R1661 EXE28V560J RESISTOR ARRAY R1667 ERJ3GEYJ510 RESISTOR ARRAY R1667 ERJ3GEYJ510 RESISTOR R1668 ERJ3GEYJ510 RESISTOR R1668 ERJ3GEYJ510 M 750 CHM, J, 1/16W R1673 ERJ3GEYJ220V M 22 CHM, J, 1/16W R1673 ERJ3GEYJ220V M 22 CHM, J, 1/16W R1682 ERJ3GEYJ103X M 10K CHM, 0.063W R1682 ERJ3GEYJ03X M 10K CHM, 0.063W R1683 ERJ2GEJ103X M 10K CHM, 0.063W R1696 ERJ3GEY471V M 470 CHM, J, 1/16W R1693 ERJ3GEY471V M 470 CHM, J, 1/16W R1697 ERJ3GEYJ02V M 1K OHM, J, 1/16W R1707 EXE28V560J RESISTOR ARRAY R1708 EXE28V560J RESISTOR ARRAY R1708 EXE28V560J RESISTOR ARRAY R1710 EXE28V560J RESISTOR ARRAY R1711 EXE28V560J RESISTOR ARRAY R1713 EXE28V560J RESISTOR ARRAY R1714 R0,72GEJ560 M 560 CHM, 0.063W R1715 ERJ3GEY103X M 10K OHM, 0.063W R1716 EXE28V20J RESISTOR ARRAY R1717 ERJ3GEY000V M 0 OHM, J, 1/16W R1720 EXE28V20J RESISTOR ARRAY R1731 EXE28V20J RESISTOR ARRAY R1731 EXE28V20J RESISTOR ARRAY R1732 EXE28V20J RESISTOR ARRAY R1733 EXE28V20J RESISTOR ARRAY R1734 EXE28V20J RESISTOR ARRAY R1736 EXE28V20J RESISTOR ARRAY R1737 EXE28V20J RESISTOR ARRAY R1738 EXE28V20J RESISTOR ARRAY R1739 EXE28V20J RESISTOR ARRAY R1730 EXE28V20J RESISTOR ARRAY R1731 EXE28V20J RESISTOR ARRAY R1732 EXE28V20J RESISTOR ARRAY R1733 EXE28V20J RESISTOR ARRAY R1734 EXE28V20J RESISTOR ARRAY R1735 EXE28V20J RESISTOR ARRAY R1736 EXE28V20J RESISTOR ARRAY R1737 EXE28V20J RESISTOR ARRAY R1738 EXE28V20J RESIST	<b>—</b>			
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R1654 ERJ3EKF3923 RESISTOR R1655 ERJ3EKF3923 RESISTOR R1657 ERJ3EKF3923 RESISTOR R1657 ERJ3GEXJ471V M 470 OHM, J, 1/16W R1658 ERJ3GEXJ471V M 470 OHM, J, 1/16W R1661 ERZB2W560J RESISTOR ARRAY R1667 ERJ3GEXJ510 RESISTOR ARRAY R1667 ERJ3GEXJ510 RESISTOR R1668 ERJ3GEXJ510 RESISTOR R1671 ERJ3GEXJ391V M 390 OHM, J, 1/16W R1673 ERJ3GEXJ361V M 560 OHM, J, 1/16W R1679 ERJ3GEXJ20V M 22 OHM, J, 1/16W R1679 ERJ3GEXJ210X M 10K OHM, 0.063W R1693 ERJ3GEXJ101X M 10K OHM, 0.063W R1693 ERJ3GEXJ471V M 470 OHM, J, 1/16W R1693 ERJ3GEXJ471V M 470 OHM, J, 1/16W R1696 ERJ3GEXJ101X M 100 OHM, 0.063W R1696 ERJ3GEXJ101X M 100 OHM, 0.063W R1706 ERJ3GEXJ101X M 100 OHM, 0.063W R1707 EXE28V560J RESISTOR ARRAY R1708 EXZEXV560J RESISTOR ARRAY R1709 EXZEXV560J RESISTOR ARRAY R1709 EXZEXV560J RESISTOR ARRAY R1710 EXZEXV560J RESISTOR ARRAY R1711 EXZEXV560J RESISTOR ARRAY R1712 EXZEXV560J RESISTOR ARRAY R1713 EXZEXV560J RESISTOR ARRAY R1714 ERJ2GEJ560 M RESISTOR ARRAY R1715 ERJ2GEXJ560 M RESISTOR ARRAY R1716 ERJ2GEXJ560 M RESISTOR ARRAY R1717 EXZEXV560J RESISTOR ARRAY R1711 EXZEXV560J RESISTOR ARRAY R1712 EXZEXV500J RESISTOR ARRAY R1713 EXZEXV520J RESISTOR ARRAY R1714 ERJ2GEXJ500 M RESISTOR ARRAY R1715 ERJ2GEXJ500 M RESISTOR ARRAY R1716 ERJ2GEXJ500 M RESISTOR ARRAY R1717 EXZEXV500J RESISTOR ARRAY R1718 ERZZEXV220J RESISTOR ARRAY R1719 EXZEXV360J RESISTOR ARRAY R1710 EXZEXV360J RESISTOR ARRAY R1711 EXZEXV360J RESISTOR ARRAY R1713 EXZEXV360J RESISTOR ARRAY R1714 ERJ3GEXPIA00X M 10K OHM, 0.063W R1721 EXZEXV320J RESISTOR ARRAY R1720 EXZEXV320J RESISTOR ARRAY R1731 EXZEXV320J RESISTOR ARRAY R1732 EXZEXV320J RESISTOR ARRAY R1733 EXZEXV320J RESISTOR ARRAY R1734 EXZEXV320J RESISTOR ARRAY R1735 EXZEXV320J RESISTOR ARRAY R1736 EXZEXV320J RESISTOR ARRAY R1737 EXZEXV320J RESISTOR ARRAY R1738 EXZEXV320J RESISTOR ARRAY R1739 EXZEXV320J RESISTOR ARRAY R1730 EXZEXV331V M 330 OHM, J, 1/16W R2002 ERJ3EKF1871V RESISTOR R2003 ERJ3EKF1871V RESISTOR R2004 ERJ3EKF1871V RESISTOR R2009 ERJ3EKF1871V RESISTOR R2001 ERJ3EKF1871V RESISTOR R2002 ERJ3EKF1871V RESISTOR R2003 ERJ	<b>—</b>			
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R1656 ERJ3EKF3923 RESISTOR R1657 PRJ3GEYJ071V M 470 ORM, J, J/16W R1661 EXE28V560J RESISTOR ARRAY R1663 EXE28V560J RESISTOR ARRAY R1663 EXE28V560J RESISTOR ARRAY R1666 ERJ3GEYJ510 RESISTOR R1667 RRJ3GEYJ510 RESISTOR R1667 RRJ3GEYJ510 RESISTOR R1668 ERJ3GEYJ510 RESISTOR R1673 ERJ3GEYJ520V M 22 OHM, J, J/16W R1679 ERJ3GEYJ220V M 22 OHM, J, J/16W R1679 ERJ3GEYJ220V M 22 OHM, J, J/16W R1679 ERJ3GEYJ3103X M 10K ORM, 0.063W R1683 ERJ3GEYJ103X M 10K ORM, 0.063W R1693 ERJ3GEYJ471V M 470 OHM, J, J/16W R1693 ERJ3GEYJ101X M 100 ORM, 0.063W R1696 ERJ3GEYJ101X M 100 OHM, 0.063W R1707 ERJ3GEYJ102V M 27 OHM, J, J/16W R1707 ERJ3GEYJ102V M RESISTOR ARRAY R1707 ERJ3GEYJ102V RESISTOR ARRAY R1708 ERE28V560J RESISTOR ARRAY R1710 EXE28V560J RESISTOR ARRAY R1711 EXE28V560J RESISTOR ARRAY R1711 EXE28V560J RESISTOR ARRAY R1711 EXE28V560J RESISTOR ARRAY R1712 EXZ2EVJ560 RESISTOR ARRAY R1712 EXZ2EVJ560 RESISTOR ARRAY R1712 EXZ2EVJ560 RESISTOR ARRAY R1713 EXZ2EVJ560 RESISTOR ARRAY R1714 ERJ2GEJJ560 M 560 OHM, 0.063W R1715 ERJ2GEJ103X M 10K OHM, 0.063W R1717 ERJ3GEYJ00V M 0 OHM, J, J/16W R1720 EXZ2EVJ560 RESISTOR ARRAY R1711 ERJ2GEJJ560 M S60 OHM, 0.063W R1717 ERJ3GEYJ00V M 0 OHM, J, J/16W R1720 EXZ2EVJ560 RESISTOR ARRAY R1711 ERJ3GEYJ080V M 0 OHM, J, J/16W R1721 ERJ3GEYJ03X M 10K OHM, 0.063W R1717 ERJ3GEYJ03X M 10K OHM, 0.063W R1717 EXZ2EZJ RESISTOR ARRAY R1713 EXZ2EVJ560 RESISTOR ARRAY R1713 EXZ2EVJ560 RESISTOR ARRAY R1714 ERJ2GEJJ03X M 10K OHM, 0.063W R1715 ERJ3GEYJ103X M 10K OHM, 0.063W R1716 EXZ2EVJ00 RESISTOR ARRAY R1721 ERJ3GEYJ00X M 10K OHM, J, J/16W R1722 EXZ2EVJ0 RESISTOR ARRAY R1733 EXZEZY20J RESISTOR ARRAY R1734 EXZEZY20J RESISTOR ARRAY R1739 EXZEZY20J RESISTOR ARRAY R1731 EXZEZY20J RESISTOR ARRAY R1731 EXZEZY20J RESISTOR ARRAY R1732 EXZEZY20J RESISTOR ARRAY R1733 EXZEZY20J RESISTOR ARRAY R1734 EXZEZY20J RESISTOR ARRAY R1735 EXZZZY20J RESISTOR ARRAY R1736 EXZZZY20J RESISTOR ARRAY R1737 EXZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZ				
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R1658 ERJ3GEYJ105V M 1M OHM, J, 1/16W R1661 ERB2EV560J RESISTOR ARRAY R1667 ERJ2GEV560J RESISTOR ARRAY R1667 ERJ3GEYJ510 RESISTOR R1668 ERJ3GEYJ510 RESISTOR R1668 ERJ3GEYJ510 RESISTOR R1671 ERJ3GEYJ510 N M 390 OHM, J, 1/16W R1673 ERJ3GEYJ51V M 560 OHM, J, 1/16W R1673 ERJ3GEYJ103X M 10K OHM, 0.063W R1693 ERJ3GEYJ103X M 10K OHM, 0.063W R1693 ERJ3GEYJ471V M 470 OHM, J, 1/16W R1693 ERJ3GEYJ471V M 470 OHM, J, 1/16W R1696 ERJ3GEYJ471V M 470 OHM, J, 1/16W R1697 ERJ2GEJ101X M 100 OHM, 0.063W R1709 ERJ3GEYJ102V M 1K OHM, J, 1/16W R1700 ERJ3GEYJ102V M 1K OHM, J, 1/16W R1700 ERJ3GEYJ102V M 1K OHM, J, 1/16W R1701 EXB2EV560J RESISTOR ARRAY R1711 EXB2EV560J RESISTOR ARRAY R1712 ERJ2GEJ560 M 560 OHM, 0.063W R1715 ERJ2GEJ560 M 560 OHM, 0.063W R1715 ERJ2GEJ103X M 10K OHM, J, 1/16W R1720 ERJ3GEYJ103V M 10K OHM, 0.063W R1712 ERJ2GEJ103X M 10K OHM, 0.063W R1712 ERJ2GEJ103X M 10K OHM, 0.063W R1712 ERJ3GEVJ103V M 10K OHM, 0.063W R1712 ERJ3GEVJ200J RESISTOR ARRAY R1712 ERJ2GEJ103X M 10K OHM, 0.063W R1712 ERJ3GEVJ20J RESISTOR ARRAY R1713 ERD2EV220J RESISTOR ARRAY R1728 EXB2EV220J RESISTOR ARRAY R1729 EXB2EV220J RESISTOR ARRAY R1729 EXB2EV220J RESISTOR ARRAY R1721 ERJ3GEYJ20J RESISTOR ARRAY R1723 EXB2EV220J RESISTOR ARRAY R1733 EXB2EV220J RESISTOR ARRAY R1734 EXB2EV220J RESISTOR ARRAY R1735 EXB2EV220J RESISTOR ARRAY R1736 EXB2EV220J RESISTOR ARRAY R1737 EXB2EV220J RESISTOR ARRAY R1738 EXB2EV220J RESISTOR ARRAY R1739 EXB2EV220J RESISTOR ARRAY R1730 EXB2EV220J RESISTOR ARRAY R1731 EXB2EV220J RESISTOR ARRAY R1733 EXB2EV220J RESISTOR ARRAY R1734 EXB2EV220J RESISTOR ARRAY R1736 ERJ3EKFF871V RESISTOR R2001 ERJ3EKF91V RESISTOR R2002 ERJ3EKF91V RESISTOR R2003 ERJ3EKF91V RESISTOR R2004 ERJ3GEYJ331V M 330 OHM, J, 1/16W R2020 ERJ3GEYJ331V M 75 OHM, 1/10W PT-AE900U ERJ6GEYJ750V M 75 OHM, 1/10W PT	R1656	ERJ3EKF3923	RESISTOR	
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R1667 ERJ3GEYJ510 RESISTOR R1668 ERJ3GEYJ510 N 390 OHM,J,I/16W R1673 ERJ3GEYJ351V N 560 OHM,J,I/16W R1673 ERJ3GEYJ320V N 22 OHM,J,I/16W R1679 ERJ3GEYJ220V N 22 OHM,J,I/16W R1682 ERJ2GEJ103X N 10K OHM, 0.063W R1692 ERJ3GEYJ471V N 470 OHM,J,I/16W R1693 ERJ3GEYJ471V N 470 OHM,J,I/16W R1693 ERJ3GEYJ471V N 470 OHM,J,I/16W R1697 ERJ3GEYJ471V N 470 OHM,J,I/16W R1697 ERJ3GEYJ102V N 100 OHM, 0.063W R1706 ERJ3GEYJ102V N 100 OHM,J,I/16W R1697 ERJ2GEJ101X N 100 OHM,J,I/16W R1697 ERJ2GEJ101X N 100 OHM,J,I/16W R1707 EXB28V560J RESISTOR ARRAY R1708 ERB2EV560J RESISTOR ARRAY R1709 ERB2EV560J RESISTOR ARRAY R1710 EXB28V560J RESISTOR ARRAY R1711 EXB28V560J RESISTOR ARRAY R1711 EXB28V560J RESISTOR ARRAY R1712 EXB28V560J RESISTOR ARRAY R1711 EXB28V560J RESISTOR ARRAY R1712 EXB28V560J RESISTOR ARRAY R1711 ERJ2GEJ560 N 560 OHM, 0.063W R1717 ERJ2GEJ103X N 10K OHM, 0.063W R1717 ERJ2GEJ103X N 10K OHM, 0.063W R1721 ERJ2GEJ103X N 10K OHM, 0.063W R1721 ERJ2GEJ103X RESISTOR ARRAY R1729 EXB28V220J RESISTOR ARRAY R1729 EXB28V220J RESISTOR ARRAY R1729 EXB28V220J RESISTOR ARRAY R1731 EXB28V220J RESISTOR ARRAY R1732 ERB28V220J RESISTOR ARRAY R1733 EXB28V220J RESISTOR ARRAY R1734 EXB28V220J RESISTOR ARRAY R1735 EXB28V220J RESISTOR ARRAY R1736 EXB28V220J RESISTOR ARRAY R1737 EXB28V220J RESISTOR ARRAY R1738 EXB28V220J RESISTOR ARRAY R1739 EXB28V220J RESISTOR ARRAY R1731 EXB28V220J RESISTOR ARRAY R1732 EXB28V220J RESISTOR ARRAY R1734 EXB28V220J RESISTOR ARRAY R1735 EXB28V220J RESISTOR ARRAY R1736 EXB28V220J RESISTOR ARRAY R1737 EXB28V220J RESISTOR ARRAY R1738 EXB28V220J RESISTOR ARRAY R1739 EXB28V220J RESISTOR ARRAY R1730 EXB28V220J RESISTOR ARRAY R1731 EXB28V220J RESISTOR ARRAY R1732 EXB28V220J RESISTOR ARRAY R1734 EXB28V220J RESISTOR ARRAY R1735 EXB28V220J RESISTOR ARRAY R1736 EXB28V220J RESISTOR R2004 ERJ36KF1601V RESISTOR R2007 ERJ36KF5601V RESISTOR R2008 ERJ36KF1871V RESISTOR R2009 ERJ36KF1871V RESISTOR R2009 ERJ36KF1871V RESISTOR R2001 ERJ	R1661	EXB28V560J	RESISTOR ARRAY	
R1668	R1663	EXB28V560J	RESISTOR ARRAY	
R1671 ERJ3GEYJ391V M 390 OHM,J,1/16W R1673 ERJ3GEYJ220V M 22 OHM,J,1/16W R1682 ERJ3GEYJ220V M 22 OHM,J,1/16W R1683 ERJ2GEJ103X M 10K OHM, 0.063W R1683 ERJ2GEJ103X M 10K OHM, 0.063W R16893 ERJ2GEJ101X M 100 OHM,J,1/16W R1696 ERJ3GEYJ471V M 470 OHM,J,1/16W R1697 ERJ3GEYJ102V M 100 OHM, 0.063W R1706 ERJ3GEYJ402V M 1K OHM,J,1/16W R1707 EXB28V560J RESISTOR ARRAY R1708 EXB28V560J RESISTOR ARRAY R1710 EXB28V560J RESISTOR ARRAY R1711 ERB2GEJ560 M 550 OHM, 0.063W R1715 ERJ2GEJ560 M 550 OHM, 0.063W R1715 ERJ2GEJ560 M 560 OHM, 0.063W R1711 ERJ3GEY0ROUV M 0 OHM,J,1/16W R1720 ERJ2GEJ103X M 10K OHM, 0.063W R1721 ERJ2GEJ103X M 10K OHM, 0.063W R1721 ERJ2GEJ103X RESISTOR ARRAY R1728 EXB28V220J RESISTOR ARRAY R1729 EXB28V220J RESISTOR ARRAY R1731 EXB28V220J RESISTOR ARRAY R1732 EXB28V220J RESISTOR ARRAY R1733 EXB28V220J RESISTOR ARRAY R1731 EXB28V220J RESISTOR ARRAY R1731 EXB28V220J RESISTOR ARRAY R1732 EXB28V220J RESISTOR ARRAY R1733 EXB28V220J RESISTOR ARRAY R1734 EXB28V220J RESISTOR ARRAY R1735 EXB28V220J RESISTOR ARRAY R1736 EXB28V220J RESISTOR ARRAY R1737 EXB28V220J RESISTOR ARRAY R1738 EXB28V220J RESISTOR ARRAY R1739 EXB28V220J RESISTOR ARRAY R1730 EXB28V220J RESISTOR ARRAY R1731 EXB28V220J RESISTOR ARRAY R1732 EXB28V220J RESISTOR ARRAY R1733 EXB28V220J RESISTOR ARRAY R1734 EXB28V220J RESISTOR ARRAY R1735 EXB28V220J RESISTOR ARRAY R1736 EXB28V220J RESISTOR ARRAY R1737 EXB28V220J RESISTOR ARRAY R1738 EXB28V220J RESISTOR ARRAY R1739 EXB28V220J RESISTOR ARRAY R1730 EXB28V220J RESISTOR R2002 ERJ3EKF1601V RESISTOR R2003 ERJ3EKF1871V R2010 R2010 EXJ3EKF1871V R2010 EXJ3EKF1871V R2010 EXJ3EKF1871V R2010 EXJ3EKF1871V R2010 EXJ3EKF1871V R2010 EXJ3EKF1871V R2010 EXJ3EKF1871	R1667	ERJ3GEYJ510	RESISTOR	
R1673 ERJ3GEYJ561V M 560 OHM, J, 1/16W R1679 ERJ3GEYJ220V M 22 OHM, J, 1/16W R1682 ERJ2GEJ103X M 10K OHM, 0.063W R1693 ERJ2GEJ103X M 10K OHM, 0.063W R1692 ERJ3GEYJ471V M 470 OHM, J, 1/16W R1693 ERJ2GEJ101X M 100 OHM, 0.063W R1696 ERJ3GEYJ471V M 470 OHM, J, 1/16W R1697 ERJ3GEYJ471V M 470 OHM, J, 1/16W R1697 ERJ3GEYJ471V M 470 OHM, J, 1/16W R1697 ERJ3GEYJ101X M 100 OHM, 0.063W R1706 ERJ3GEYJ102V M 1K OHM, J, 1/16W R1707 EXB28V560J RESISTOR ARRAY R1708 EXB28V560J RESISTOR ARRAY R1709 EXB28V560J RESISTOR ARRAY R1710 EXB28V560J RESISTOR ARRAY R1711 EXB28V560J RESISTOR ARRAY R1711 EXB28V560J RESISTOR ARRAY R1712 EXB28V560J RESISTOR ARRAY R1714 ERJ2GEJ560 M 560 OHM, 0.063W R1715 ERJ2GEJ560 M 560 OHM, 0.063W R1717 ERJ3GEY0ROUV M 0 OHM, J, 1/16W R1720 ERJ2GEJ103X M 10K OHM, 0.063W R1721 ERJ2GEJ103X M 10K OHM, 0.063W R1722 EXB28V220J RESISTOR ARRAY R1728 EXB28V220J RESISTOR ARRAY R1728 EXB28V220J RESISTOR ARRAY R1730 EXB28V220J RESISTOR ARRAY R1731 EXB28V220J RESISTOR ARRAY R1732 EXB28V220J RESISTOR ARRAY R1733 EXB28V220J RESISTOR ARRAY R1734 EXB28V220J RESISTOR ARRAY R1735 EXB28V220J RESISTOR ARRAY R1736 EXB28V220J RESISTOR ARRAY R1737 EXB28V220J RESISTOR ARRAY R1738 EXB28V220J RESISTOR ARRAY R1739 EXB28V220J RESISTOR ARRAY R1731 EXB28V220J RESISTOR ARRAY R1733 EXB28V220J RESISTOR ARRAY R1734 EXB28V220J RESISTOR ARRAY R1735 EXB28V220J RESISTOR ARRAY R1736 EXB28V220J RESISTOR ARRAY R1737 EXB28V220J RESISTOR ARRAY R1738 EXB28V220J RESISTOR ARRAY R1739 EXB28V220J RESISTOR ARRAY R1730 EXB28V220J RESISTOR ARRAY R1731 EXB28V220J RESISTOR ARRAY R1732 EXB28V220J RESISTOR ARRAY R1734 EXB28V220J RESISTOR ARRAY R1736 EXB28V220J RESISTOR ARRAY R1737 EXB28V220J RESISTOR ARRAY R1738 EXB28V220J RESISTOR ARRAY R1739 EXB28V220J RESISTOR ARRAY R1730 EXB28V220J RESISTOR ARRAY R1731 EXB28V220J RESISTOR ARRAY R1734 EXB28V220J RESISTOR ARRAY R1736 EXB28V200 RESISTOR R2002 ERJ3EKF\$10 W R0 W	R1668	ERJ3GEYJ510	RESISTOR	
R1679 ERJ3GEYJ220V M 22 OHM, J, 1/16W R1682 ERJ2GEJ103X M 10K OHM, 0.063W R1683 ERJ2GEJ103X M 10K OHM, 0.063W R1693 ERJ3GEJ101X M 10K OHM, 0.063W R1696 ERJ3GEYJ471V M 470 OHM, J, 1/16W R1693 ERJZGEJ101X M 100 OHM, 0.063W R1696 ERJ3GEYJ471V M 470 OHM, J, 1/16W R1697 ERJZGEJ101X M 100 OHM, 0.063W R1706 ERJ3GEYJ471V M 470 OHM, J, 1/16W R1707 EXD28V560J RESISTOR ARRAY R1708 EXB28V560J RESISTOR ARRAY R1709 EXB28V560J RESISTOR ARRAY R1710 EXB28V560J RESISTOR ARRAY R1711 EXB28V560J RESISTOR ARRAY R1712 EXB28V560J RESISTOR ARRAY R1714 ERJ2GEJ560 M 560 OHM, 0.063W R1717 ERJ3GEY0R00V M 00 OHM, J, 1/16W R1720 ERJ2GEJ103X M 10K OHM, 0.063W R1721 ERJ2GEJ103X M 10K OHM, 0.063W R1721 ERJ2GEJ103X M 10K OHM, 0.063W R1722 EXB28V220J RESISTOR ARRAY R1728 EXB28V220J RESISTOR ARRAY R1728 EXB28V220J RESISTOR ARRAY R1729 EXB28V220J RESISTOR ARRAY R1730 EXB28V220J RESISTOR ARRAY R1731 EXB28V220J RESISTOR ARRAY R1732 EXB28V220J RESISTOR ARRAY R1733 EXB28V220J RESISTOR ARRAY R1734 EXB28V220J RESISTOR ARRAY R1735 EXB28V220J RESISTOR ARRAY R1736 EXB28V220J RESISTOR ARRAY R1737 EXB28V220J RESISTOR ARRAY R1738 EXB28V220J RESISTOR ARRAY R1739 EXB28V220J RESISTOR ARRAY R1731 EXB28V220J RESISTOR ARRAY R1732 EXB28V220J RESISTOR ARRAY R1733 EXB28V220J RESISTOR ARRAY R1734 EXB28V220J RESISTOR ARRAY R1735 EXB28V220J RESISTOR ARRAY R1736 EXB28V220J RESISTOR ARRAY R1737 EXB28V220J RESISTOR ARRAY R1738 EXB28V220J RESISTOR ARRAY R1739 EXB28V220J RESISTOR ARRAY R1730 EXB28V220J RESISTOR ARRAY R1731 EXB28V220J RESISTOR ARRAY R1732 EXB28V220J RESISTOR ARRAY R1734 EXB28V220J RESISTOR ARRAY R1736 EXB28V220J RESISTOR R2001 ERJ3EKF1871V RESISTOR R2002 ERJ3EKF1871V RESISTOR R2003 ERJ3EKF1871V RESISTOR R2004 ERJ3EKF1871V RESISTOR R2007 ERJ3EKF1871V RESISTOR R2009 ERJ3EKF1871V RESISTOR R2001 ERJ3EKF1871V RESISTOR R2002 ERJ3EKF1871V RESISTOR R2003 ERJ3EKF1871V RESISTOR R200	R1671	ERJ3GEYJ391V	M 390 OHM,J,1/16W	
R1682 ERJZGEJ103X M 10K OHM, 0.063W R1683 ERJZGEJ103X M 10K OHM, 0.063W R1693 ERJZGEJ101X M 100 OHM, 0.063W R1696 ERJJGEYJ471V M 470 OHM, J, 1/16W R1697 ERJZGEJ101X M 100 OHM, 0.063W R1696 ERJJGEYJ471V M 470 OHM, J, 1/16W R1697 ERJZGEJ101X M 100 OHM, 0.063W R1706 ERJJGEYJ102V M 1K OHM, J, 1/16W R1707 EXD28V560J RESISTOR ARRAY R1708 EXD28V560J RESISTOR ARRAY R1708 EXD28V560J RESISTOR ARRAY R1710 EXD28V560J RESISTOR ARRAY R1711 ERJZGEJ560 M 560 OHM, 0.063W R1717 ERJZGEJ560 M 560 OHM, 0.063W R1717 ERJZGEJ50M M 560 OHM, 0.063W R1717 ERJZGEJ103X M 10K OHM, 0.063W R1712 EXD28V20J RESISTOR ARRAY R1720 ERJZGEJ103X M 10K OHM, 0.063W R1721 EXD28V220J RESISTOR ARRAY R1722 EXD28V220J RESISTOR ARRAY R1728 EXD28V220J RESISTOR ARRAY R1730 EXD28V220J RESISTOR ARRAY R1731 EXD28V220J RESISTOR ARRAY R1731 EXD28V220J RESISTOR ARRAY R1732 EXD28V220J RESISTOR ARRAY R1733 EXD28V220J RESISTOR ARRAY R1734 EXD28V220J RESISTOR ARRAY R1735 EXD28V220J RESISTOR ARRAY R1736 EXD28V220J RESISTOR ARRAY R1737 EXD28V220J RESISTOR ARRAY R1731 EXD28V220J RESISTOR ARRAY R1732 EXD28V220J RESISTOR ARRAY R1733 EXD28V220J RESISTOR ARRAY R1734 EXD28V220J RESISTOR ARRAY R1735 EXD28V220J RESISTOR ARRAY R1736 EXD28V220J RESISTOR ARRAY R1737 EXD28V220J RESISTOR ARRAY R1738 EXD28V220J RESISTOR ARRAY R1739 EXD28V220J RESISTOR ARRAY R1730 EXD28V220J RESISTOR ARRAY R1731 EXD28V220J RESISTOR ARRAY R1732 EXD28V220J RESISTOR ARRAY R1733 EXD28V220J RESISTOR ARRAY R1734 EXD28V220J RESISTOR ARRAY R1736 EXD28V220J RESISTOR ARRAY R1737 EXD28V220J RESISTOR ARRAY R1736 EXD28V220J RESISTOR ARRAY R1737 EXD28V220J RESISTOR ARRAY R1736 EXD28V220J RESISTOR ARRAY R1737 EXD28V220J RESISTOR ARRAY R1736 EXD28V220J RESISTOR ARRAY R1736 EXD28V200J RESISTOR ARRAY R1737 EXD28V220J RESISTOR ARRAY R1738	R1673	ERJ3GEYJ561V	M 560 OHM, J, 1/16W	
R1683 ERJ2GEJ103X M 10K OHM, 0.063W R1692 ERJ3GEJ101X M 100 OHM, 0.063W R1696 ERJ3GEJ101X M 100 OHM, 0.063W R1696 ERJ3GEJ101X M 100 OHM, 0.063W R1706 EXB28V560J RESISTOR ARRAY R1709 EXB28V560J RESISTOR ARRAY R1709 EXB28V560J RESISTOR ARRAY R1710 EXB28V560J RESISTOR ARRAY R1710 EXB28V560J RESISTOR ARRAY R1711 EXB2GEJ560 M 560 OHM, 0.063W R1715 ERJ2GEJ560 M 560 OHM, 0.063W R1715 ERJ2GEJ500 M 560 OHM, 0.063W R1715 ERJ2GEJ103X M 10K OHM, 0.063W R1712 EXB28V20J RESISTOR ARRAY R1721 EXB28V20J RESISTOR ARRAY R1721 EXB28V20J RESISTOR ARRAY R1721 EXB28V20J RESISTOR ARRAY R1722 EXB28V220J RESISTOR ARRAY R1730 EXB28V220J RESISTOR ARRAY R1731 EXB28V220J RESISTOR ARRAY R1731 EXB28V220J RESISTOR ARRAY R1731 EXB28V220J RESISTOR ARRAY R1731 EXB28V220J RESISTOR ARRAY R1733 EXB28V220J RESISTOR ARRAY R1734 EXB28V220J RESISTOR ARRAY R1735 EXB28V220J RESISTOR ARRAY R2001 ERJ3EKF5601V RESISTOR ARRAY R2001 ERJ3EKF5601V RESISTOR ARRAY R2002 ERJ3EKF1371V RESISTOR ARRAY R2004 ERJ3EKF5601V RESISTOR ARRAY R2004 ERJ3EKF1371V RESISTOR ARRAY R2004 ERJ3EKF1871V RESISTOR R2004 ERJ3EKF1871V R5SISTOR R2004 ERJ3EKF1871V R5SI	R1679	ERJ3GEYJ220V	M 22 OHM,J,1/16W	
R1692 ERJ3GEYJ471V M 470 OHM, J, 1/16W R1693 ERJ2GEJ101X M 100 OHM, 0.063W R1696 ERJ3GEYJ471V M 470 OHM, J, 1/16W R1697 ERJ2GEJJ01X M 100 OHM, 0.063W R1706 ERJ3GEYJ102V M 1K OHM, J, 1/16W R1707 EXD28V560J RESISTOR ARRAY R1708 EXD28V560J RESISTOR ARRAY R1709 EXD28V560J RESISTOR ARRAY R1710 EXD28V560J RESISTOR ARRAY R1710 EXD28V560J RESISTOR ARRAY R1711 EXD28V560J RESISTOR ARRAY R1712 EXD28V560J RESISTOR ARRAY R1713 EXD28V560J RESISTOR ARRAY R1714 ERJ2GEJ560 M 560 OHM, 0.063W R1715 ERJ2GEJ560 M 560 OHM, 0.063W R1715 ERJ2GEJ50 M 560 OHM, 0.063W R1711 ERJ2GEJ50 M M 500 OHM, 0.063W R1712 ERJ2GEJ103X M 10K OHM, 0.063W R1721 ERJ2GEJ103X M 10K OHM, 0.063W R1721 ERJ2GEJ103X M 10K OHM, 0.063W R1721 EXD28V220J RESISTOR ARRAY R1728 EXD28V220J RESISTOR ARRAY R1729 EXD28V220J RESISTOR ARRAY R1729 EXD28V220J RESISTOR ARRAY R1731 EXD28V220J RESISTOR ARRAY R1731 EXD28V220J RESISTOR ARRAY R1731 EXD28V220J RESISTOR ARRAY R1733 EXD28V220J RESISTOR ARRAY R1734 EXD28V220J RESISTOR ARRAY R1735 EXD28V220J RESISTOR ARRAY R1736 EXD28V220J RESISTOR ARRAY R1737 EXD28V220J RESISTOR ARRAY R1738 EXD28V220J RESISTOR ARRAY R1739 EXD28V220J RESISTOR ARRAY R1731 EXD28V220J RESISTOR ARRAY R1732 EXD28V220J RESISTOR ARRAY R1733 EXD28V220J RESISTOR ARRAY R1734 EXD28V220J RESISTOR ARRAY R1735 EXD28V220J RESISTOR ARRAY R1736 EXD28V220J RESISTOR ARRAY R1737 EXD28V220J RESISTOR ARRAY R1738 EXD28V220J RESISTOR ARRAY R1739 EXD28V230J RESISTOR ARRAY R1730 EXD28V330V M S30 OHM, J, 1/16W R2001 ERJ3EKF1871V RESISTOR R2001 ERJ3EKF1871V RESISTOR R2002 ERJ3EKF1871V RESISTOR R2004 ERJ3EKF1871V RESISTOR R2005 ERJ3EKF1871V RESISTOR R2006 ERJ3EKF1871V RESISTOR R2007 ERJ3EKF5601V RESISTOR R2008 ERJ3EKF1871V RESISTOR R2009 ERJ3EKF3741 RESISTOR R2009 ERJ3EKF3741 RESISTOR R2001 ERJ3EKF5601V M TS OHM, J, 1/16W PT-AE900U ERJ6GEYJ750V M 75 OHM, 1/10W PT-AE900U ERJ6GEYJ750V M 75 OHM, 1/10W PT-AE900E	R1682	ERJ2GEJ103X	M 10K OHM, 0.063W	
R1692 ERJ3GEYJ471V M 470 OHM, J, 1/16W R1693 ERJ2GEJ101X M 100 OHM, 0.063W R1696 ERJ3GEYJ471V M 470 OHM, J, 1/16W R1697 ERJ2GEJJ01X M 100 OHM, 0.063W R1706 ERJ3GEYJ102V M 1K OHM, J, 1/16W R1707 EXD28V560J RESISTOR ARRAY R1708 EXD28V560J RESISTOR ARRAY R1709 EXD28V560J RESISTOR ARRAY R1710 EXD28V560J RESISTOR ARRAY R1710 EXD28V560J RESISTOR ARRAY R1711 EXD28V560J RESISTOR ARRAY R1712 EXD28V560J RESISTOR ARRAY R1713 EXD28V560J RESISTOR ARRAY R1714 ERJ2GEJ560 M 560 OHM, 0.063W R1715 ERJ2GEJ560 M 560 OHM, 0.063W R1715 ERJ2GEJ50 M 560 OHM, 0.063W R1711 ERJ2GEJ50 M M 500 OHM, 0.063W R1712 ERJ2GEJ103X M 10K OHM, 0.063W R1721 ERJ2GEJ103X M 10K OHM, 0.063W R1721 ERJ2GEJ103X M 10K OHM, 0.063W R1721 EXD28V220J RESISTOR ARRAY R1728 EXD28V220J RESISTOR ARRAY R1729 EXD28V220J RESISTOR ARRAY R1729 EXD28V220J RESISTOR ARRAY R1731 EXD28V220J RESISTOR ARRAY R1731 EXD28V220J RESISTOR ARRAY R1731 EXD28V220J RESISTOR ARRAY R1733 EXD28V220J RESISTOR ARRAY R1734 EXD28V220J RESISTOR ARRAY R1735 EXD28V220J RESISTOR ARRAY R1736 EXD28V220J RESISTOR ARRAY R1737 EXD28V220J RESISTOR ARRAY R1738 EXD28V220J RESISTOR ARRAY R1739 EXD28V220J RESISTOR ARRAY R1731 EXD28V220J RESISTOR ARRAY R1732 EXD28V220J RESISTOR ARRAY R1733 EXD28V220J RESISTOR ARRAY R1734 EXD28V220J RESISTOR ARRAY R1735 EXD28V220J RESISTOR ARRAY R1736 EXD28V220J RESISTOR ARRAY R1737 EXD28V220J RESISTOR ARRAY R1738 EXD28V220J RESISTOR ARRAY R1739 EXD28V230J RESISTOR ARRAY R1730 EXD28V330V M S30 OHM, J, 1/16W R2001 ERJ3EKF1871V RESISTOR R2001 ERJ3EKF1871V RESISTOR R2002 ERJ3EKF1871V RESISTOR R2004 ERJ3EKF1871V RESISTOR R2005 ERJ3EKF1871V RESISTOR R2006 ERJ3EKF1871V RESISTOR R2007 ERJ3EKF5601V RESISTOR R2009 ERJ3EKF3741 RESISTOR R2009 ERJ3EKF3741 RESISTOR R2001 ERJ3EKF5601V M TS OHM, J, 1/16W PT-AE900U ERJ6GENT75R0V M 75 OHM, 1/10W PT-AE900U ERJ6GENT75R0V M 75 OHM, 1/10W PT-AE900U ERJ6GENT75R0V M 75 OHM, 1/10W PT-AE900E	R1683	ERJ2GEJ103X	м 10к ОНМ, 0.063W	
R1693 ERJ2GEJ101X M 100 OHM, 0.063W R1696 ERJ3GEYJ471V M 470 OHM, J,1/16W R1697 ERJ2GEJ101X M 100 OHM, 0.063W R1706 ERJ3GEYJ102V M 1K OHM,J,1/16W R1707 EXB28V560J RESISTOR ARRAY R1708 EXB28V560J RESISTOR ARRAY R1709 EXB28V560J RESISTOR ARRAY R1710 EXB28V560J RESISTOR ARRAY R1711 EXB28V560J RESISTOR ARRAY R1711 EXB28V560J RESISTOR ARRAY R1711 EXB28V560J RESISTOR ARRAY R1711 EXB28V560J RESISTOR ARRAY R1712 EXB28V560J RESISTOR ARRAY R1713 EXB28V560J RESISTOR ARRAY R1714 EXB28V560J RESISTOR ARRAY R1717 ERJ3GEJ560 M 560 OHM, 0.063W R1717 ERJ3GEJ560 M 560 OHM, 0.063W R1717 ERJ3GEJ50M M 560 OHM, 0.063W R1717 ERJ3GEJ03X M 10K OHM, 0.063W R1717 ERJ3GEJ103X M 10K OHM, 0.063W R1721 ERJ2GEJ103X M 10K OHM, 0.063W R1722 EXB28V220J RESISTOR ARRAY R1728 EXB28V220J RESISTOR ARRAY R1728 EXB28V220J RESISTOR ARRAY R1730 EXB28V220J RESISTOR ARRAY R1731 EXB28V220J RESISTOR ARRAY R1732 EXB28V220J RESISTOR ARRAY R1731 EXB28V220J RESISTOR ARRAY R1732 EXB28V220J RESISTOR ARRAY R1733 EXB28V220J RESISTOR ARRAY R1734 EXB28V220J RESISTOR ARRAY R1735 EXB28V220J RESISTOR ARRAY R1736 EXB28V220J RESISTOR ARRAY R1737 EXB28V220J RESISTOR ARRAY R1738 EXB28V220J RESISTOR ARRAY R1739 EXB28V220J RESISTOR ARRAY R1731 EXB28V220J RESISTOR ARRAY R1733 EXB28V220J RESISTOR ARRAY R1734 EXB28V220J RESISTOR ARRAY R1735 EXB28V220J RESISTOR ARRAY R1736 EXB28V220J RESISTOR ARRAY R2001 ERJ3EKF5601V RESISTOR R2002 ERJ3EKF1871V RESISTOR R2003 ERJ3EKF1871V RESISTOR R2004 ERJ3EKF9601V RESISTOR R2005 ERJ3EKF1132 RESISTOR R2006 ERJ3EKF1132 RESISTOR R2007 ERJ3EKF5601V RESISTOR R2009 ERJ3EKF9741 RESISTOR R2009 ERJ3EKF9741 RESISTOR R2001 ERJ3EKF9601V M 1K OHM,J,1/16W R2021 ERJ3GEYJ331V M 330 OHM,J,1/16W R2021 ERJ3GEYJ331V M 75 OHM, 1/10W PT-AE900U ERJ6GEYJ750V M 75 OHM, 1/10W PT-AE900U ERJ6GEYJ750V M 75 OHM, 1/10W PT-AE900U	R1692	ERJ3GEYJ471V		
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R1721 ERJ2GEJ103X M 10K OHM, 0.063W R1726 EXB28V220J RESISTOR ARRAY R1727 EXB28V220J RESISTOR ARRAY R1728 EXB28V220J RESISTOR ARRAY R1729 EXB28V220J RESISTOR ARRAY R1730 EXB28V220J RESISTOR ARRAY R1731 EXB28V220J RESISTOR ARRAY R1731 EXB28V220J RESISTOR ARRAY R1732 EXB28V220J RESISTOR ARRAY R1733 EXB28V220J RESISTOR ARRAY R1734 EXB28V220J RESISTOR ARRAY R1735 EXB28V220J RESISTOR ARRAY R1736 EXB28V220J RESISTOR ARRAY R1737 EXB28V220J RESISTOR ARRAY R1738 EXB28V220J RESISTOR ARRAY R2001 ERJ3EKF5601V RESISTOR R2002 ERJ3EKF1871V RESISTOR R2003 ERJ3EKF1871V RESISTOR R2004 ERJ3GEYJ102V M 1K OHM, J, 1/16W R2005 ERJ3EKF1871V RESISTOR R2007 ERJ3EKF5601V RESISTOR R2008 ERJ3EKF1871V RESISTOR R2009 ERJ3EKF1871V RESISTOR R2016 EXB28VR000X RESISTOR R2019 ERJ3GEYJ331V M 330 OHM, J, 1/16W R2020 ERJ3GEYJ331V M 330 OHM, J, 1/16W R2021 ERJ3GEYJ331V M 330 OHM, J, 1/16W R2022 ERJ3GEYJ182V M 1.8KOHM, J, 1/16W R2022 ERJ3GEYJ750V M 75 OHM, J, 1/16W R2024 ERJ3GEYJ750V M 75 OHM, 1/10W PT-AE900U ERJ6GEYJ750V M 75 OHM, 1/10W PT-AE900E R3400 ERJ6ENF75R0V M 75 OHM, 1/10W PT-AE900E R3403 ERJ6ENF75R0V M 75 OHM, 1/10W PT-AE900E			·	
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R1727 EXB28V220J RESISTOR ARRAY R1728 EXB28V220J RESISTOR ARRAY R1729 EXB28V220J RESISTOR ARRAY R1730 EXB28V220J RESISTOR ARRAY R1731 EXB28V220J RESISTOR ARRAY R1732 EXB28V220J RESISTOR ARRAY R1733 EXB28V220J RESISTOR ARRAY R1734 EXB28V220J RESISTOR ARRAY R1735 EXB28V220J RESISTOR ARRAY R2001 ERJ3EKF5601V RESISTOR ARRAY R2001 ERJ3EKF1871V RESISTOR R2002 ERJ3EKF1871V RESISTOR R2004 ERJ3GEYJ102V M 1K OHM, J, 1/16W R2005 ERJ3EKF1132 RESISTOR R2006 ERJ3EKF5601V RESISTOR R2007 ERJ3EKF5601V RESISTOR R2008 ERJ3EKF1871V RESISTOR R2009 ERJ3EKF1871V RESISTOR R2000 ERJ3EKF1871V RESISTOR R2000 ERJ3EKF1871V RESISTOR R2000 ERJ3EKF1871V RESISTOR R2000 ERJ3EKF3741 RESISTOR R2000 ERJ3EKF3741 RESISTOR R2010 ERJ3GEYJ331V M 330 OHM, J, 1/16W R2021 ERJ3GEYJ331V M 330 OHM, J, 1/16W R2022 ERJ3GEYJ31V M 330 OHM, J, 1/16W R2024 ERJ3GEYJ331V M 330 OHM, J, 1/16W R2024 ERJ3GEYJ470V M 47 OHM, J, 1/16W R2024 ERJ3GEYJ750V M 75 OHM, 1/10W PT-AE900U ERJ6GEYJ750V M 75 OHM, 1/10W PT-AE900E R3403 ERJ6ENF75ROV M 75 OHM, 1/10W PT-AE900E R3403 ERJ6ENF75ROV M 75 OHM, 1/10W				
R1728 EXB28V220J RESISTOR ARRAY R1729 EXB28V220J RESISTOR ARRAY R1730 EXB28V220J RESISTOR ARRAY R1731 EXB28V220J RESISTOR ARRAY R1732 EXB28V220J RESISTOR ARRAY R1733 EXB28V220J RESISTOR ARRAY R1734 EXB28V220J RESISTOR ARRAY R1735 EXB28V220J RESISTOR ARRAY R2001 ERJ3EKF5601V RESISTOR ARRAY R2001 ERJ3EKF5601V RESISTOR R2002 ERJ3EKF1871V RESISTOR R2003 ERJ3EKF3741 RESISTOR R2004 ERJ3GEYJ102V M 1K OHM, J, 1/16W R2005 ERJ3EKF1832 RESISTOR R2006 ERJ3EKF1831V RESISTOR R2007 ERJ3EKF5601V RESISTOR R2008 ERJ3EKF1871V RESISTOR R2009 ERJ3EKF3741 RESISTOR R2009 ERJ3EKF3741 RESISTOR R2016 EXB28VR000X RESISTOR R2016 EXB28VR000X RESISTOR R2019 ERJ3GEYJ331V M 330 OHM, J, 1/16W R2021 ERJ3GEYJ331V M 330 OHM, J, 1/16W R2022 ERJ3GEYJ331V M 330 OHM, J, 1/16W R2024 ERJ3GEYJ331V M 330 OHM, J, 1/16W R2025 ERJ3GEYJ31V M 370 OHM, J, 1/16W R2020 ERJ3GEYJ750V M 47 OHM, J, 1/16W R2010 EXB28VR00V M 1 R OHM, J, 1/16W R2011 EXB38V220J RESISTOR R3401 ERJ6ENF75ROV M 75 OHM, 1/10W PT-AE900U ERJ6GEYJ750V M 75 OHM, 1/10W PT-AE900E R3403 ERJ6ENF75ROV M 75 OHM, 1/10W				
R1729 EXB28V220J RESISTOR ARRAY R1730 EXB28V220J RESISTOR ARRAY R1731 EXB28V220J RESISTOR ARRAY R1732 EXB28V220J RESISTOR ARRAY R1733 EXB28V220J RESISTOR ARRAY R1734 EXB28V220J RESISTOR ARRAY R1735 EXB28V220J RESISTOR ARRAY R2001 ERJ3EKF5601V RESISTOR R2002 ERJ3EKF1871V RESISTOR R2003 ERJ3EKF3741 RESISTOR R2004 ERJ3GEYJ102V M 1K OHM, J, 1/16W R2005 ERJ3EKF132 RESISTOR R2006 ERJ3EKF132 RESISTOR R2007 ERJ3EKF5601V RESISTOR R2008 ERJ3EKF1871V RESISTOR R2009 ERJ3EKF3741 RESISTOR R2009 ERJ3EKF3741 RESISTOR R2009 ERJ3EKF3741 RESISTOR R2010 ERJ3EFY331V M 330 OHM, J, 1/16W R2021 ERJ3GEYJ331V M 330 OHM, J, 1/16W R2021 ERJ3GEYJ331V M 330 OHM, J, 1/16W R2021 ERJ3GEYJ31V M 330 OHM, J, 1/16W R2022 ERJ3GEYJ182V M 1.8KOHM, J, 1/16W R2024 ERJ3GEYJ470V M 47 OHM, J, 1/16W R2024 ERJ3GEYJ470V M 47 OHM, J, 1/16W R2021 EXB38V220J RESISTOR R3401 ERJ6ENF75R0V M 75 OHM, 1/10W PT-AE900U ERJ6GEYJ750V M 75 OHM, 1/10W PT-AE900E R3403 ERJ6ENF75R0V M 75 OHM, 1/10W PT-AE900E				
R1730 EXB28V220J RESISTOR ARRAY R1731 EXB28V220J RESISTOR ARRAY R1732 EXB28V220J RESISTOR ARRAY R1733 EXB28V220J RESISTOR ARRAY R1734 EXB28V220J RESISTOR ARRAY R1735 EXB28V220J RESISTOR ARRAY R2001 ERJ3EKF5601V RESISTOR R2002 ERJ3EKF1871V RESISTOR R2003 ERJ3EKF3741 RESISTOR R2004 ERJ3GEYJ102V M 1K OHM, J, 1/16W R2005 ERJ3EKF1132 RESISTOR R2007 ERJ3EKF1132 RESISTOR R2009 ERJ3EKF1871V RESISTOR R2009 ERJ3EKF1871V RESISTOR R2009 ERJ3EKF1871V RESISTOR R2010 ERJ3EKF1871V RESISTOR R2010 ERJ3EKF3741 RESISTOR R2010 ERJ3EKF3741 RESISTOR R2010 ERJ3EKF3741 RESISTOR R2010 ERJ3GEYJ331V M 330 OHM, J, 1/16W R2020 ERJ3GEYJ331V M 330 OHM, J, 1/16W R2021 ERJ3GEYJ331V M 330 OHM, J, 1/16W R2022 ERJ3GEYJ31V M 330 OHM, J, 1/16W R2023 ERJ3GEYJ182V M 1.8KOHM, J, 1/16W R2024 ERJ3GEYJ182V M 1.8KOHM, J, 1/16W R2024 ERJ3GEYJ102V M 1K OHM, J, 1/16W R2021 EXB38V220J RESISTOR R3401 ERJ6ENF75ROV M 75 OHM, 1/10W PT-AE900U ERJ6GEYJ750V M 75 OHM, 1/10W PT-AE900E R3403 ERJ6ENF75ROV M 75 OHM, 1/10W PT-AE900E R3403 ERJ6ENF75ROV M 75 OHM, 1/10W PT-AE900E				
R1731 EXB28V220J RESISTOR ARRAY R1732 EXB28V220J RESISTOR ARRAY R1733 EXB28V220J RESISTOR ARRAY R1734 EXB28V220J RESISTOR ARRAY R1735 EXB28V220J RESISTOR ARRAY R2001 ERJ3EKF5601V RESISTOR R2002 ERJ3EKF1871V RESISTOR R2003 ERJ3EKF3741 RESISTOR R2004 ERJ3GEYJ102V M 1K OHM, J, 1/16W R2005 ERJ3EKF1132 RESISTOR R2007 ERJ3EKF1132 RESISTOR R2008 ERJ3EKF1871V RESISTOR R2009 ERJ3EKF1871V RESISTOR R2009 ERJ3EKF1871V RESISTOR R2016 EXB28VR000X RESISTOR R2016 EXB28VR000X RESISTOR R2016 EXB3GEYJ331V M 330 OHM, J, 1/16W R2020 ERJ3GEYJ331V M 330 OHM, J, 1/16W R2021 ERJ3GEYJ331V M 330 OHM, J, 1/16W R2022 ERJ3GEYJ182V M 1.8KOHM, J, 1/16W R2023 ERJ3GEYJ182V M 1.8KOHM, J, 1/16W R2024 ERJ3GEYJ102V M 1K OHM, J, 1/16W R2024 ERJ3GEYJ102V M 1K OHM, J, 1/16W R2021 EXB38V220J RESISTOR R3401 ERJ6ENF75ROV M 75 OHM, 1/10W PT-AE900U ERJ6GEYJ750V M 75 OHM, 1/10W PT-AE900U ERJ6GEYJ750V M 75 OHM, 1/10W PT-AE900U ERJ6GEYJ750V M 75 OHM, 1/10W PT-AE900E R3403 ERJ6ENF75ROV M 75 OHM, 1/10W				
R1732 EXB28V220J RESISTOR ARRAY R1733 EXB28V220J RESISTOR ARRAY R1734 EXB28V220J RESISTOR ARRAY R1735 EXB28V220J RESISTOR ARRAY R2001 ERJ3EKF5601V RESISTOR R2002 ERJ3EKF1871V RESISTOR R2003 ERJ3EKF3741 RESISTOR R2004 ERJ3GEYJ102V M 1K OHM, J, 1/16W R2005 ERJ3EKF1132 RESISTOR R2007 ERJ3EKF5601V RESISTOR R2008 ERJ3EKF1132 RESISTOR R2009 ERJ3EKF1871V RESISTOR R2009 ERJ3EKF3741 RESISTOR R2016 EXB28VR000X RESISTOR R2016 EXB28VR000X RESISTOR R2016 EXB28VR331V M 330 OHM, J, 1/16W R2020 ERJ3GEYJ331V M 330 OHM, J, 1/16W R2021 ERJ3GEYJ331V M 330 OHM, J, 1/16W R2022 ERJ3GEYJ31V M 330 OHM, J, 1/16W R2023 ERJ3GEYJ182V M 1.8KOHM, J, 1/16W R2024 ERJ3GEYJ182V M 1.8KOHM, J, 1/16W R2024 ERJ3GEYJ102V M 1K OHM, J, 1/16W R2024 ERJ3GEYJ170V M 47 OHM, J, 1/16W R2021 EXB38V220J RESISTOR R3401 ERJ6ENF75ROV M 75 OHM, 1/10W PT-AE900U ERJ6GEYJ750V M 75 OHM, 1/10W PT-AE900E R3403 ERJ6ENF75ROV M 75 OHM, 1/10W PT-AE900E				
R1733 EXB28V220J RESISTOR ARRAY R1734 EXB28V220J RESISTOR ARRAY R1735 EXB28V220J RESISTOR ARRAY R2001 ERJ3EKF5601V RESISTOR R2002 ERJ3EKF1871V RESISTOR R2003 ERJ3EKF3741 RESISTOR R2004 ERJ3GEYJ102V M 1K OHM, J, 1/16W R2005 ERJ3EKF1132 RESISTOR R2007 ERJ3EKF5601V RESISTOR R2008 ERJ3EKF1871V RESISTOR R2009 ERJ3EKF3741 RESISTOR R2009 ERJ3EKF3741 RESISTOR R2016 EXB28VR000X RESISTOR R2016 EXB28VR000X RESISTOR R2019 ERJ3GEYJ331V M 330 OHM, J, 1/16W R2020 ERJ3GEYJ331V M 330 OHM, J, 1/16W R2021 ERJ3GEYJ331V M 330 OHM, J, 1/16W R2022 ERJ3GEYJ331V M 330 OHM, J, 1/16W R2023 ERJ3GEYJ182V M 1.8 KOHM, J, 1/16W R2024 ERJ3GEYJ470V M 1K OHM, J, 1/16W R2024 ERJ3GEYJ470V M 47 OHM, J, 1/16W R2021 EXB38V220J RESISTOR R3401 ERJ6ENF75R0V M 75 OHM, 1/10W PT-AE900U ERJ6GEYJ750V M 75 OHM, 1/10W PT-AE900U ERJ6GEYJ750V M 75 OHM, 1/10W PT-AE900U ERJ6GEYJ750V M 75 OHM, 1/10W PT-AE900E R3403 ERJ6ENF75R0V M 75 OHM, 1/10W				
R1734 EXB28V220J RESISTOR ARRAY R1735 EXB28V220J RESISTOR ARRAY R2001 ERJ3EKF5601V RESISTOR R2002 ERJ3EKF1871V RESISTOR R2003 ERJ3EKF3741 RESISTOR R2004 ERJ3GEYJ102V M 1K OHM,J,1/16W R2005 ERJ3EKF1132 RESISTOR R2007 ERJ3EKF5601V RESISTOR R2008 ERJ3EKF1871V RESISTOR R2009 ERJ3EKF3741 RESISTOR R2009 ERJ3EKF3741 RESISTOR R2016 EXB28VR000X RESISTOR R2016 EXB28VR000X RESISTOR R2019 ERJ3GEYJ331V M 330 OHM,J,1/16W R2020 ERJ3GEYJ331V M 330 OHM,J,1/16W R2021 ERJ3GEYJ331V M 330 OHM,J,1/16W R2022 ERJ3GEYJ331V M 330 OHM,J,1/16W R2023 ERJ3GEYJ182V M 1.8KOHM,J,1/16W R2024 ERJ3GEYJ182V M 1.8KOHM,J,1/16W R2024 ERJ3GEYJ102V M 1K OHM,J,1/16W R2021 EXB38V220J RESISTOR R3401 ERJ6ENF75R0V M 75 OHM, 1/10W PT-AE900U ERJ6GEYJ750V M 75 OHM, 1/10W PT-AE900U ERJ6GEYJ750V M 75 OHM, 1/10W PT-AE900E R3403 ERJ6ENF75R0V M 75 OHM, 1/10W	<b>—</b>			
R1735 EXB28V220J RESISTOR ARRAY  R2001 ERJ3EKF5601V RESISTOR  R2002 ERJ3EKF1871V RESISTOR  R2003 ERJ3EKF3741 RESISTOR  R2004 ERJ3GEYJ102V M 1K OHM,J,1/16W  R2005 ERJ3EKF1132 RESISTOR  R2007 ERJ3EKF5601V RESISTOR  R2008 ERJ3EKF1871V RESISTOR  R2009 ERJ3EKF3741 RESISTOR  R2016 EXB28VR000X RESISTOR  R2016 EXB28VR000X RESISTOR  R2019 ERJ3GEYJ331V M 330 OHM,J,1/16W  R2020 ERJ3GEYJ331V M 330 OHM,J,1/16W  R2021 ERJ3GEYJ331V M 330 OHM,J,1/16W  R2022 ERJ3GEYJ331V M 330 OHM,J,1/16W  R2023 ERJ3GEYJ182V M 1.8KOHM,J,1/16W  R2024 ERJ3GEYJ182V M 1.8KOHM,J,1/16W  R2024 ERJ3GEYJ102V M 1K OHM,J,1/16W  R2021 EXB38V220J RESISTOR  R3401 ERJ6ENF75R0V M 75 OHM, 1/10W PT-AE900U  ERJ6GEYJ750V M 75 OHM, 1/10W PT-AE900U  ERJ6GEYJ750V M 75 OHM, 1/10W PT-AE900U  ERJ6GEYJ750V M 75 OHM, 1/10W PT-AE900E	<b>—</b>			
R2001 ERJ3EKF5601V RESISTOR R2002 ERJ3EKF1871V RESISTOR R2003 ERJ3EKF3741 RESISTOR R2004 ERJ3GEYJ102V M 1K OHM, J, 1/16W R2005 ERJ3EKF1132 RESISTOR R2007 ERJ3EKF5601V RESISTOR R2008 ERJ3EKF1871V RESISTOR R2009 ERJ3EKF3741 RESISTOR R2016 EXB28VR000X RESISTOR R2016 EXB28VR000X RESISTOR R2019 ERJ3GEYJ331V M 330 OHM, J, 1/16W R2020 ERJ3GEYJ331V M 330 OHM, J, 1/16W R2021 ERJ3GEYJ331V M 330 OHM, J, 1/16W R2022 ERJ3GEYJ331V M 330 OHM, J, 1/16W R2023 ERJ3GEYJ182V M 1.8KOHM, J, 1/16W R2024 ERJ3GEYJ182V M 1.8KOHM, J, 1/16W R2024 ERJ3GEYJ102V M 1K OHM, J, 1/16W R2024 ERJ3GEYJ470V M 47 OHM, J, 1/16W R2016 EXB38V220J RESISTOR R3401 ERJ6ENF75R0V M 75 OHM, 1/10W PT-AE900U ERJ6GEYJ750V M 75 OHM, 1/10W PT-AE900U ERJ6GEYJ750V M 75 OHM, 1/10W PT-AE900E R3403 ERJ6ENF75R0V M 75 OHM, 1/10W	<b>—</b>			
R2002 ERJ3EKF1871V RESISTOR  R2003 ERJ3EKF3741 RESISTOR  R2004 ERJ3GEYJ102V M 1K OHM, J, 1/16W  R2005 ERJ3EKF1132 RESISTOR  R2007 ERJ3EKF5601V RESISTOR  R2008 ERJ3EKF1871V RESISTOR  R2009 ERJ3EKF3741 RESISTOR  R2016 EXB28VR000X RESISTOR  R2019 ERJ3GEYJ331V M 330 OHM, J, 1/16W  R2020 ERJ3GEYJ331V M 330 OHM, J, 1/16W  R2021 ERJ3GEYJ331V M 330 OHM, J, 1/16W  R2022 ERJ3GEYJ331V M 330 OHM, J, 1/16W  R2023 ERJ3GEYJ31V M 1.8KOHM, J, 1/16W  R2024 ERJ3GEYJ182V M 1.8KOHM, J, 1/16W  R2024 ERJ3GEYJ102V M 1K OHM, J, 1/16W  R2024 ERJ3GEYJ102V M 1K OHM, J, 1/16W  R2021 EXB38V220J RESISTOR  R3401 ERJ6ENF75ROV M 75 OHM, 1/10W PT-AE900U  ERJ6GEYJ750V M 75 OHM, 1/10W PT-AE900U  ERJ6GEYJ750V M 75 OHM, 1/10W PT-AE900U  ERJ6GEYJ750V M 75 OHM, 1/10W PT-AE900E  R3403 ERJ6ENF75ROV M 75 OHM, 1/10W				
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R2004         ERJ3GEYJ102V         M 1K OHM, J, 1/16W           R2005         ERJ3EKF1132         RESISTOR           R2007         ERJ3EKF5601V         RESISTOR           R2008         ERJ3EKF1871V         RESISTOR           R2009         ERJ3EKF3741         RESISTOR           R2016         EXB28VR000X         RESISTOR           R2019         ERJ3GEYJ331V         M 330 OHM, J, 1/16W           R2020         ERJ3GEYJ331V         M 330 OHM, J, 1/16W           R2021         ERJ3GEYJ331V         M 330 OHM, J, 1/16W           R2022         ERJ3GEYJ182V         M 1.8KOHM, J, 1/16W           R2023         ERJ3GEYJ102V         M 1K OHM, J, 1/16W           R2024         ERJ3GEYJ470V         M 47 OHM, J, 1/16W           R2201         EXB38V220J         RESISTOR           R3401         ERJ6ENF75R0V         M 75 OHM, 1/10W         PT-AE900U           ERJ6GEYJ750V         M 75 OHM, 1/10W         PT-AE900U           ERJ6GEYJ750V         M 75 OHM, 1/10W         PT-AE900E           R3403         ERJ6ENF75R0V         M 75 OHM, 1/10W         PT-AE900E				
R2005 ERJ3EKF1132 RESISTOR R2007 ERJ3EKF5601V RESISTOR R2008 ERJ3EKF1871V RESISTOR R2009 ERJ3EKF3741 RESISTOR R2016 EXB28VR000X RESISTOR R2019 ERJ3GEYJ331V M 330 OHM, J, 1/16W R2020 ERJ3GEYJ331V M 330 OHM, J, 1/16W R2021 ERJ3GEYJ331V M 330 OHM, J, 1/16W R2022 ERJ3GEYJ331V M 330 OHM, J, 1/16W R2022 ERJ3GEYJ182V M 1.8KOHM, J, 1/16W R2023 ERJ3GEYJ182V M 1.8KOHM, J, 1/16W R2024 ERJ3GEYJ102V M 1K OHM, J, 1/16W R2024 ERJ3GEYJ470V M 47 OHM, J, 1/16W R2010 EXB38V220J RESISTOR R3401 ERJ6ENF75R0V M 75 OHM, 1/10W PT-AE900U ERJ6GEYJ750V M 75 OHM, 1/10W PT-AE900U ERJ6GEYJ750V M 75 OHM, 1/10W PT-AE900U ERJ6GEYJ750V M 75 OHM, 1/10W PT-AE900E R3403 ERJ6ENF75R0V M 75 OHM, 1/10W				
R2007         ERJ3EKF5601V         RESISTOR           R2008         ERJ3EKF1871V         RESISTOR           R2009         ERJ3EKF3741         RESISTOR           R2016         EXB28VR000X         RESISTOR           R2019         ERJ3GEYJ331V         M 330 OHM, J, 1/16W           R2020         ERJ3GEYJ331V         M 330 OHM, J, 1/16W           R2021         ERJ3GEYJ382V         M 1.8KOHM, J, 1/16W           R2022         ERJ3GEYJ182V         M 1.8KOHM, J, 1/16W           R2023         ERJ3GEYJ102V         M 1K OHM, J, 1/16W           R2024         ERJ3GEYJ470V         M 47 OHM, J, 1/16W           R2201         EXB38V220J         RESISTOR           R3401         ERJ6ENF75R0V         M 75 OHM, 1/10W         PT-AE900U           R3402         ERJ6ENF75R0V         M 75 OHM, 1/10W         PT-AE900U           ERJ6GEYJ750V         M 75 OHM, 1/10W         PT-AE900E           R3403         ERJ6ENF75R0V         M 75 OHM, 1/10W         PT-AE900E			,	
R2008 ERJ3EKF1871V RESISTOR R2009 ERJ3EKF3741 RESISTOR R2016 EXB28VR000X RESISTOR R2019 ERJ3GEYJ331V M 330 OHM,J,1/16W R2020 ERJ3GEYJ331V M 330 OHM,J,1/16W R2021 ERJ3GEYJ331V M 330 OHM,J,1/16W R2022 ERJ3GEYJ382V M 1.8KOHM,J,1/16W R2023 ERJ3GEYJ182V M 1.8KOHM,J,1/16W R2024 ERJ3GEYJ102V M 1K OHM,J,1/16W R2024 ERJ3GEYJ470V M 47 OHM,J,1/16W R2201 EXB38V220J RESISTOR R3401 ERJ6ENF75R0V M 75 OHM, 1/10W PT-AE900U ERJ6GEYJ750V M 75 OHM, 1/10W PT-AE900E R3403 ERJ6ENF75R0V M 75 OHM, 1/10W				
R2009 ERJ3EKF3741 RESISTOR R2016 EXB28VR000X RESISTOR R2019 ERJ3GEYJ331V M 330 OHM,J,1/16W R2020 ERJ3GEYJ331V M 330 OHM,J,1/16W R2021 ERJ3GEYJ331V M 330 OHM,J,1/16W R2022 ERJ3GEYJ182V M 1.8KOHM,J,1/16W R2023 ERJ3GEYJ102V M 1K OHM,J,1/16W R2024 ERJ3GEYJ102V M 47 OHM,J,1/16W R2021 EXB38V220J RESISTOR R3401 ERJ6ENF75R0V M 75 OHM, 1/10W PT-AE900U ERJ6GEYJ750V M 75 OHM, 1/10W PT-AE900E R3403 ERJ6ENF75R0V M 75 OHM, 1/10W				
R2016 EXB28VR000X RESISTOR R2019 ERJ3GEYJ331V M 330 OHM,J,1/16W R2020 ERJ3GEYJ331V M 330 OHM,J,1/16W R2021 ERJ3GEYJ331V M 330 OHM,J,1/16W R2022 ERJ3GEYJ182V M 1.8KOHM,J,1/16W R2023 ERJ3GEYJ102V M 1K OHM,J,1/16W R2024 ERJ3GEYJ102V M 47 OHM,J,1/16W R2201 EXB38V220J RESISTOR R3401 ERJ6ENF75R0V M 75 OHM, 1/10W PT-AE900U ERJ6GEYJ750V M 75 OHM, 1/10W PT-AE900E R3403 ERJ6ENF75R0V M 75 OHM, 1/10W	R2008	ERJ3EKF1871V	RESISTOR	
R2019 ERJ3GEYJ331V M 330 OHM,J,1/16W R2020 ERJ3GEYJ331V M 330 OHM,J,1/16W R2021 ERJ3GEYJ331V M 330 OHM,J,1/16W R2022 ERJ3GEYJ182V M 1.8KOHM,J,1/16W R2023 ERJ3GEYJ102V M 1K OHM,J,1/16W R2024 ERJ3GEYJ102V M 47 OHM,J,1/16W R2201 EXB38V220J RESISTOR R3401 ERJ6ENF75R0V M 75 OHM, 1/10W PT-AE900U ERJ6GEYJ750V M 75 OHM, 1/10W PT-AE900E R3403 ERJ6ENF75R0V M 75 OHM, 1/10W	R2009	ERJ3EKF3741	RESISTOR	
R2020 ERJ3GEYJ331V M 330 OHM,J,1/16W R2021 ERJ3GEYJ331V M 330 OHM,J,1/16W R2022 ERJ3GEYJ182V M 1.8KOHM,J,1/16W R2023 ERJ3GEYJ102V M 1K OHM,J,1/16W R2024 ERJ3GEYJ470V M 47 OHM,J,1/16W R2201 EXB38V220J RESISTOR R3401 ERJ6ENF75R0V M 75 OHM, 1/10W PT-AE900U ERJ6GEYJ750V M 75 OHM, 1/10W PT-AE900E R3403 ERJ6ENF75R0V M 75 OHM, 1/10W	R2016	EXB28VR000X	RESISTOR	
R2021 ERJ3GEYJ331V M 330 OHM,J,1/16W R2022 ERJ3GEYJ182V M 1.8KOHM,J,1/16W R2023 ERJ3GEYJ102V M 1K OHM,J,1/16W R2024 ERJ3GEYJ470V M 47 OHM,J,1/16W R2201 EXB38V220J RESISTOR R3401 ERJ6ENF75R0V M 75 OHM, 1/10W PT-AE900U ERJ6GEYJ750V M 75 OHM, 1/10W PT-AE900E R3402 ERJ6ENF75R0V M 75 OHM, 1/10W PT-AE900U ERJ6GEYJ750V M 75 OHM, 1/10W PT-AE900U ERJ6GEYJ750V M 75 OHM, 1/10W PT-AE900E R3403 ERJ6ENF75R0V M 75 OHM, 1/10W	R2019	ERJ3GEYJ331V	M 330 OHM,J,1/16W	
R2022 ERJ3GEYJ182V M 1.8KOHM, J, 1/16W R2023 ERJ3GEYJ102V M 1K OHM, J, 1/16W R2024 ERJ3GEYJ470V M 47 OHM, J, 1/16W R2201 EXB38V220J RESISTOR R3401 ERJ6ENF75R0V M 75 OHM, 1/10W PT-AE900U ERJ6GEYJ750V M 75 OHM, 1/10W PT-AE900E R3403 ERJ6ENF75R0V M 75 OHM, 1/10W	R2020	ERJ3GEYJ331V	M 330 OHM,J,1/16W	
R2023 ERJ3GEYJ102V M 1K OHM,J,1/16W R2024 ERJ3GEYJ470V M 47 OHM,J,1/16W R2201 EXB38V220J RESISTOR R3401 ERJ6ENF75R0V M 75 OHM, 1/10W PT-AE900U ERJ6GEYJ750V M 75 OHM, 1/10W PT-AE900E R3402 ERJ6ENF75R0V M 75 OHM, 1/10W PT-AE900U ERJ6GEYJ750V M 75 OHM, 1/10W PT-AE900U ERJ6GEYJ750V M 75 OHM, 1/10W PT-AE900E R3403 ERJ6ENF75R0V M 75 OHM, 1/10W	R2021	ERJ3GEYJ331V	M 330 OHM,J,1/16W	
R2024 ERJ3GEYJ470V M 47 OHM,J,1/16W R2201 EXB38V220J RESISTOR R3401 ERJ6ENF75R0V M 75 OHM, 1/10W PT-AE900U ERJ6GEYJ750V M 75 OHM, 1/10W PT-AE900U ERJ6GEYJ750V M 75 OHM, 1/10W PT-AE900U ERJ6GEYJ750V M 75 OHM, 1/10W PT-AE900E R3403 ERJ6ENF75R0V M 75 OHM, 1/10W	R2022	ERJ3GEYJ182V	M 1.8KOHM,J,1/16W	
R2201 EXB38V220J RESISTOR  R3401 ERJ6ENF75R0V M 75 OHM, 1/10W PT-AE900U  ERJ6GEYJ750V M 75 OHM, 1/10W PT-AE900E  R3402 ERJ6ENF75R0V M 75 OHM, 1/10W PT-AE900U  ERJ6GEYJ750V M 75 OHM, 1/10W PT-AE900E  R3403 ERJ6ENF75R0V M 75 OHM, 1/10W	R2023	ERJ3GEYJ102V	M 1K OHM,J,1/16W	
R3401	R2024	ERJ3GEYJ470V	M 47 OHM,J,1/16W	
ERJ6GEYJ750V M 75 OHM, 1/10W PT-AE900E  R3402 ERJ6ENF75R0V M 75 OHM, 1/10W PT-AE900U  ERJ6GEYJ750V M 75 OHM, 1/10W PT-AE900E  R3403 ERJ6ENF75R0V M 75 OHM, 1/10W	R2201	EXB38V220J	RESISTOR	
ERJ6GEYJ750V M 75 OHM, 1/10W PT-AE900E  R3402 ERJ6ENF75R0V M 75 OHM, 1/10W PT-AE900U  ERJ6GEYJ750V M 75 OHM, 1/10W PT-AE900E  R3403 ERJ6ENF75R0V M 75 OHM, 1/10W	R3401	ERJ6ENF75R0V	M 75 OHM, 1/10W	PT-AE900U
R3402 ERJ6ENF75R0V M 75 OHM, 1/10W PT-AE900U ERJ6GEYJ750V M 75 OHM, 1/10W PT-AE900E R3403 ERJ6ENF75R0V M 75 OHM, 1/10W	L	ERJ6GEYJ750V		1
ERJ6GEYJ750V M 75 OHM, 1/10W PT-AE900E R3403 ERJ6ENF75R0V M 75 OHM, 1/10W	R3402	ERJ6ENF75R0V		PT-AE900U
R3403 ERJ6ENF75R0V M 75 OHM, 1/10W				
	R3403			
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No.	Part No.	Part Name & Description	Remarks
R3405	ERJ3GEYJ472V	M 4.7KOHM,J,1/16W	
R3406	ERJ3GEYJ472V	M 4.7KOHM,J,1/16W	PT-AE900U
	ERJ3GEYJ153V	M 15KOHM, J,1/16W	PT-AE900E
R3407	ERJ3GEYJ562V	M 5.6KOHM,J,1/16W	PT-AE900U
R3408	ERJ3GEYJ562V	M 5.6KOHM,J,1/16W	PT-AE900U
R3409	ERJ3GEYJ562V	M 5.6KOHM,J,1/16W	PT-AE900U
	ERJ3GEYJ472V	M 4.7KOHM, J,1/16W	PT-AE900E
R3410	ERJ3GEYJ560V	M 56 OHM,J,1/16W	PT-AE900U
	ERJ3GEYJ562V	M 5.6KOHM, J,1/16W	PT-AE900E
R3411	ERJ3GEYJ560V	M 56 OHM, J, 1/16W	PT-AE900U
R3412	ERJ3GEYJ560V	M 56 OHM, J, 1/16W	
R3413	ERJ3GEYJ471V	M 470 OHM, J, 1/16W	
R3414	+		DE 3500011
K3414	ERJ3GEYJ471V	M 470 OHM, J, 1/16W	PT-AE900U
	ERJ3GEYJ101V	M 100 OHM, J,1/16W	PT-AE900E
R3415	ERJ3GEYJ471V	M 470 OHM,J,1/16W	
R3416	ERJ3GEYJ103V	M 10KOHM, J,1/16W	PT-AE900E
R3417	ERJ3GEYJ473V	M 47KOHM,J,1/16W	PT-AE900U
	ERJ3GEYJ471V	M 470 OHM, J,1/16W	PT-AE900E
R3418	ERJ6ENF75R0V	M 75 OHM, 1/10W	PT-AE900E
R3419	ERJ6ENF75R0V	M 75 OHM, 1/10W	PT-AE900E
R3420	ERJ3GEYJ472V	M 4.7KOHM, J,1/16W	PT-AE900E
R3421	ERJ3GEYJ562V	M 5.6KOHM, J,1/16W	PT-AE900E
R3422	ERJ3GEYJ562V	M 5.6KOHM, J,1/16W	PT-AE900E
R3423	ERJ3GEYJ562V	M 5.6KOHM, J,1/16W	PT-AE900E
R3424	ERJ3GEYJ560V	M 56 OHM, J,1/16W	PT-AE900E
R3425	ERJ3GEYJ560V	M 56 OHM, J,1/16W	PT-AE900E
R3426	ERJ3GEYJ471V	M 470 OHM, J,1/16W	PT-AE900E
R3427	ERJ3GEYJ560V	M 56 OHM, J,1/16W	PT-AE900E
R9601	ERX2SJR47E	M 0.470HM,J, 2W	
R9630	ERJ14YJ3R3U	M 3.3 OHM,J, 1/4W	
R9631	ERJ8GEYJ220V	M 22 OHM, J, 1/8W	
R9632	ERJ14YJ5R6U	M 5.6 OHM, J, 1/4W	
	+		
R9633	ERJ8GEYJ100V	M 10 OHM, J, 1/8W	
R9634	ERJ8GEYJ120	M 12 OHM,J, 1/8W	
R9636	ERJ14YJ3R3U	M 3.3 OHM,J, 1/4W	
R9637	ERJ8GEYJ220V	M 22 OHM,J, 1/8W	
R9638	ERJ14YJ5R6U	M 5.6 OHM,J, 1/4W	
R9639	ERJ8GEYJ100V	M 10 OHM,J, 1/8W	
R9640	ERJ8GEYJ120	M 12 OHM,J, 1/8W	
R9653	D0XGR22KA001	RESISTOR	
	1	[CAPACITORS]	1
G0.01	EGOTTO 3 1 0 4MT 3	GA DA GITTOD	A
C001	ECQU2A104MLA	CAPACITOR	<u>A</u>
C002	F1BAH4710004	CAPACITOR	A
C003	F1BAH4710004	CAPACITOR	$\triangle$
C004	ECA2WHG3R3	CAPACITOR	1
C005	F1A3A220A046	CAPACITOR	
C006	F1K2J222A028	CAPACITOR	
C007	ECJ1VB1H102K	CAPACITOR	
C008	F1H1H104A748	CAPACITOR	
C009	F2A1V330A751	CAPACITOR	1
	F1BAH4710004	CAPACITOR	1
C010	+		$\triangle$
C011	F2A1C221B009	CAPACITOR	+
C012	F1H1H104A748	CAPACITOR	+
C013	F2A1C221B009	CAPACITOR	1
C014	F1H1H104A748	CAPACITOR	
C015	F1H1H104A748	CAPACITOR	
C016	F1H1H104A748	CAPACITOR	
C1001	F2G0J3300014	CAPACITOR	
C1002	F2G1A101A029	CAPACITOR	1
			+
C1003	ECJ0EB1C103K	C 0.01UF, 16V	+
C1004	F2G0J3300014	CAPACITOR	+
C1005	ECJ0EB1C103K	C 0.01UF, 16V	+
C1006	F2G0J3300014	CAPACITOR	1
C1008	ECJ0EB1C103K	C 0.01UF, 16V	
C1009	F2G0J3300014	CAPACITOR	
C1010	ECJ0EB1C103K	C 0.01UF, 16V	
	ECJ0EB1C103K	C 0.01UF, 16V	1
C1011		C 1000PF, 50V	1
	EC.T0ED1U100E		
C1012	ECJ0EB1H102K		
C1012 C1013	ECJ0EB1H102K	C 1000PF, 50V	
C1011 C1012 C1013 C1014			

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Ref.	Part No.	Part Name & Description	Remarks
No.			
C1023	ECJ1VF1A225Z	CAPACITOR	
C1030	ECJ0EF1C104Z	C 0.1UF, 16V	
C1031	F2G0J4700010	CAPACITOR	
C1032	ECJ0EF1C104Z	C 0.1UF, 16V	
C1033	ECJ1VB1C393K	CAPACITOR	
C1043	ECJ1VF1A225Z	CAPACITOR	
C1044	ECJ1VB0J824K	CAPACITOR	
C1045	ECJ2FF1A106Z	C 10UF, 10V	
C1046	ECJ0EF1C104Z	C 0.1UF, 16V	
C1047	ECJ0EF1C104Z	C 0.1UF, 16V	
C1048	ECJ2FF1A106Z	C 10UF, 10V	
C1049	ECJ0EF1C104Z	C 0.1UF, 16V	
C1050	ECJ0EF1C104Z	C 0.1UF, 16V	
C1051	ECJ0EF1C104Z	C 0.1UF, 16V	
C1052	ECJ0EF1C104Z	C 0.1UF, 16V	
C1053	ECJ0EB1C103K	C 0.01UF, 16V	
C1054	ECJ2FF1A106Z	C 10UF, 10V	
C1055	ECJ2FF1A106Z	C 10UF, 10V	
C1056	ECJ0EF1C104Z	C 0.1UF, 16V	
C1057	ECJ0EF1C104Z	C 0.1UF, 16V	
C1058	ECJ0EF1C104Z	C 0.1UF, 16V	
C1059	ECJ0EB1C103K	C 0.01UF, 16V	
	EEEHBOG101R	E 100UF, 4V	
C1061	ECJ0EF1C104Z	C 0.1UF, 16V	
C1062	ECJ0EF1C104Z	C 0.1UF, 16V	
	ECJ0EF1C104Z	C 0.1UF, 16V	
C1063	ECJ0EF1C104Z	C 0.1UF, 16V	
C1064	ECJ0EF1C104Z ECJ0EF1C104Z	C 0.1UF, 16V	
C1066	ECJ0EF1C104Z	C 0.1UF, 16V	
C1067	ECJ0EF1C104Z	C 0.1UF, 16V	
C1068	ECJ0EF1C104Z	C 0.1UF, 16V	
C1069	ECJ0EF1C104Z	C 0.1UF, 16V	
C1070	ECJ0EF1C104Z	C 0.1UF, 16V	
	ECJ0EF1C104Z	C 0.1UF, 16V	
C1072	ECJ0EF1C104Z	C 0.1UF, 16V	
C1074	ECJ0EF1C104Z	C 0.1UF, 16V	
C1075	ECJ0EF1C104Z	C 0.1UF, 16V	
C1076	ECJ0EB1H102K	C 1000PF, 50V	
C1079	ECJ1VB1C823K	C 0.82UF, 16V	
C1080	ECJ0EB1C103K	C 0.01UF, 16V	
C1081	ECJ0EF1C104Z	C 0.1UF, 16V	
C1082	ECJ0EB1H102K	C 1000PF, 50V	
C1083	EEEHB0G101R	E 100UF, 4V	
C1084	F2G1C2200010	CAPACITOR	
C1085	ECJ0EB1C103K	C 0.01UF, 16V	
C1087	ECJ0EF1C104Z	C 0.1UF, 16V	
C1090	ECJ0EF1C104Z	C 0.1UF, 16V	
C1091	ECJ0EF1C104Z	C 0.1UF, 16V	
C1094	ECJ0EF1C104Z	C 0.1UF, 16V	
C1095	ECJ0EF1C104Z	C 0.1UF, 16V	
C1096	ECJ0EF1C104Z	C 0.1UF, 16V	
C1100	ECJ0EF1C104Z	C 0.1UF, 16V	
C1101	ECJ0EF1C104Z	C 0.1UF, 16V	
C1102	EEFCD0D101R	CAPACITOR	
C1103	F2G1C2200010	CAPACITOR	
C1104	ECJ0EF1C104Z	C 0.1UF, 16V	
C1105	ECJ0EF1C104Z	C 0.1UF, 16V	
C1106	EEEHB0G101R	E 100UF, 4V	
C1107	ECJ0EF1C104Z	C 0.1UF, 16V	
C1108	ECJ0EF1C104Z	C 0.1UF, 16V	
C1109	ECJ0EF1C104Z	C 0.1UF, 16V	
C1110	ECJ0EF1C104Z	C 0.1UF, 16V	
C1111	ECJ0EF1C104Z	C 0.1UF, 16V	
C1111	ECJ0EF1C104Z	C 0.1UF, 16V	
C1112	ECJ0EF1C104Z ECJ0EF1C104Z	C 0.1UF, 16V	
C1114	ECJ1VF1A225Z	CAPACITOR	
C1116	ECJ0EF1C104Z	C 0.1UF, 16V	
C1117	F2G1C2200010	CAPACITOR	
C1118	ECJ0EF1C104Z	C 0.1UF, 16V	
C1119	ECJ1VC1H331J	CAPACITOR	
C1120	ECJ0EF1C104Z	C 0.1UF, 16V	
C1121	ECJ0EF1C104Z	C 0.1UF, 16V	
C1122	ECJ0EF1C104Z	C 0.1UF, 16V	

Ref. No.	Part No.	Part Name & Description	Remarks
C1123	ECJ0EF1C104Z	C 0.1UF, 16V	
C1124	ECJ0EF1C104Z	C 0.1UF, 16V	
C1125	ECJ0EF1C104Z	C 0.1UF, 16V	
C1126	ECJ0EF1C104Z	C 0.1UF, 16V	
C1127	ECJ0EF1C104Z	C 0.1UF, 16V	
C1128	ECJ0EF1C104Z	C 0.1UF, 16V	
C1129	ECJ0EF1C104Z	C 0.1UF, 16V	
C1130	ECJ0EF1C104Z	C 0.1UF, 16V	
C1132 C1133	ECJ0EF1C104Z ECJ0EF1C104Z	C 0.1UF, 16V	
C1133	ECJ0EF1C104Z	C 0.1UF, 16V C 0.1UF, 16V	
C1135	ECJ0EF1C104Z	C 0.1UF, 16V	
C1137	EEEHB0G101R	E 100UF, 4V	
C1138	ECJ0EF1C104Z	C 0.1UF, 16V	
C1139	ECJ0EB1H102K	C 1000PF, 50V	
C1140	ECJ0EB1H102K	C 1000PF, 50V	
C1141	ECJ1VF1A225Z	CAPACITOR	
C1142	ECJ0EB1H102K	C 1000PF, 50V	
C1143	ECJ0EF1C104Z	C 0.1UF, 16V	
C1144	ECJ1VC1H100C	C 10PF, 50V	
	ECJ1VC1H100C	C 10PF, 50V	
C1146	ECJ0EF1C104Z	C 0.1UF, 16V	
C1147	ECJ0EB1H102K	C 1000PF, 50V	
C1148	ECJ0EF1C104Z	C 0.1UF, 16V	
C1149 C1150	ECJ0EF1C104Z ECJ0EF1C104Z	C 0.1UF, 16V C 0.1UF, 16V	
C1150 C1151	EEEHBOG101R	E 100UF, 4V	
C1151	ECJ0EB1H102K	C 1000F, 50V	
C1153	ECJ0EF1C104Z	C 0.1UF, 16V	
C1154	ECJ0EF1C104Z	C 0.1UF, 16V	
C1155	ECJ0EB1C103K	C 0.01UF, 16V	
C1156	ECJ0EF1C104Z	C 0.1UF, 16V	
C1157	ECJ0EF1C104Z	C 0.1UF, 16V	
C1158	ECJ0EF1C104Z	C 0.1UF, 16V	
C1159	ECJ0EF1C104Z	C 0.1UF, 16V	
C1160	ECJ0EF1C104Z	C 0.1UF, 16V	
C1161	ECJ0EF1C104Z	C 0.1UF, 16V	
C1162	ECJ0EF1C104Z	C 0.1UF, 16V	
C1163	ECJ0EF1C104Z ECJ0EF1C104Z	C 0.1UF, 16V	
C1164 C1165	ECJ0EF1C104Z	C 0.1UF, 16V C 0.1UF, 16V	
C1166	ECJ0EF1C104Z	C 0.1UF, 16V	
	ECJ0EF1C104Z	C 0.1UF, 16V	
C1168	ECJ0EF1C104Z	C 0.1UF, 16V	
C1169	ECJ0EF1C104Z	C 0.1UF, 16V	
C1170	ECJ0EF1C104Z	C 0.1UF, 16V	
C1171	ECJ0EB1C103K	C 0.01UF, 16V	
C1172	ECJ0EB1C103K	C 0.01UF, 16V	
C1173	ECJ0EB1C103K	C 0.01UF, 16V	
C1174	ECJ0EB1C103K	C 0.01UF, 16V	
C1175	ECJ0EB1C103K	C 0.01UF, 16V	
C1176	ECJ0EF1C104Z	C 0.1UF, 16V	
		- 0 d r d	i
	ECJ0EF1C104Z	C 0.1UF, 16V	
C1178	ECJ0EF1C104Z	C 0.1UF, 16V	
C1178 C1179	ECJ0EF1C104Z ECJ0EF1C104Z	C 0.1UF, 16V C 0.1UF, 16V	
C1178 C1179 C1180	ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z	C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V	
C1178 C1179 C1180 C1181	ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z	C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V	
C1178 C1179 C1180 C1181 C1184	ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z	C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V	
C1178 C1179 C1180 C1181 C1184 C1185	ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z	C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V	
C1178 C1179 C1180 C1181 C1184 C1185 C1186	ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EB1H102K	C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V C 1000PF, 50V	
C1178 C1179 C1180 C1181 C1184 C1185 C1186 C1187	ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EB1H102K ECJ0EF1C104Z	C 0.1UF, 16V C 0.1UF, 50V C 0.1UF, 16V	
C1178 C1179 C1180 C1181 C1184 C1185 C1186 C1187 C1188	ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EB1H102K ECJ0EF1C104Z ECJ0EF1C104Z	C 0.1UF, 16V C 0.1UF, 50V C 0.1UF, 16V C 0.1UF, 16V	
C1178 C1179 C1180 C1181 C1184 C1185 C1186 C1187 C1188 C1189	ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EB1H102K ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z	C 0.1UF, 16V C 0.1UF, 50V C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 50V	
C1178 C1179 C1180 C1181 C1184 C1185 C1186 C1187 C1188 C1189 C1190	ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EB1H102K ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z	C 0.1UF, 16V C 0.1UF, 50V C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 50V C 0.4UF, 50V C 0.4UF, 50V	
C1178 C1179 C1180 C1181 C1184 C1185 C1186 C1187 C1188 C1189 C1190 C1191	ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EB1H102K ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EB1H102K ECJ1VF1A225Z ECJ0EF1C104Z	C 0.1UF, 16V C 0.1UF, 50V C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 16V C 1000PF, 50V C 0.1UF, 16V C 1000PF, 50V CAPACITOR C 0.1UF, 16V	
C1178 C1179 C1180 C1181 C1184 C1185 C1186 C1187 C1188 C1189 C1190 C1191 C1192	ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EB1H102K ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EB1H102K ECJ1VF1A225Z ECJ0EF1C104Z	C 0.1UF, 16V C 0.1UF, 50V C 0.1UF, 16V C 0.1UF, 16V C 0.1UF, 50V C 0.1UF, 50V C 0.1UF, 16V C 1000PF, 50V CAPACITOR C 0.1UF, 16V	
C1178 C1179 C1180 C1181 C1184 C1185 C1186 C1187 C1188 C1189 C1190 C1191 C1192 C1193 C1194	ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EB1H102K ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EB1H102K ECJ1VF1A225Z ECJ0EF1C104Z ECJ0EB1H102K ECJ0EB1H102K ECJ0EB1H102K ECJ0EB1H102K	C 0.1UF, 16V C 1000PF, 50V C 0.1UF, 16V C 1000PF, 50V CAPACITOR C 0.1UF, 16V C 1000PF, 50V CAPACITOR C 0.1UF, 16V C 1000PF, 50V CAPACITOR C 0.1UF, 16V CAPACITOR CAPACITOR	
C1177 C1178 C1179 C1180 C1181 C1184 C1185 C1186 C1187 C1188 C1190 C1191 C1192 C1193 C1194 C1195	ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EB1H102K ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EB1H102K ECJ1VF1A225Z ECJ0EF1C104Z ECJ0EB1H102K ECJ1VF1A225Z ECJ1VF1A225Z	C 0.1UF, 16V C 1000PF, 50V C 0.1UF, 16V C 1000PF, 50V CAPACITOR C 0.1UF, 16V C 1000PF, 50V CAPACITOR C 0.1UF, 16V C 1000PF, 50V CAPACITOR C 0.1UF, 16V CAPACITOR CAPACITOR CAPACITOR CAPACITOR	
C1178 C1179 C1180 C1181 C1184 C1185 C1186 C1187 C1188 C1189 C1190 C1191 C1192 C1193 C1194 C1195 C1196	ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EB1H102K ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EB1H102K ECJ1VF1A225Z ECJ0EF1C104Z ECJ0EB1H102K ECJ1VF1A225Z ECJ1VF1A225Z ECJ1VF1A225Z ECJ1VF1A225Z ECJ1VF1A225Z ECJ1VF1A225Z ECJ1VF1A225Z ECJ1VF1A225Z	C 0.1UF, 16V C 1000PF, 50V C 0.1UF, 16V C 1000PF, 50V CAPACITOR C 0.1UF, 16V C 1000PF, 50V CAPACITOR C 0.1UF, 16V C 1000PF, 50V CAPACITOR C 0.1UF, 16V CAPACITOR CAPACITOR CAPACITOR CAPACITOR CAPACITOR CO.1UF, 16V	
C1178 C1179 C1180 C1181 C1184 C1185 C1186 C1187 C1188 C1189 C1190 C1191 C1192 C1193 C1194 C1195	ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EB1H102K ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EF1C104Z ECJ0EB1H102K ECJ1VF1A225Z ECJ0EF1C104Z ECJ0EB1H102K ECJ1VF1A225Z ECJ1VF1A225Z	C 0.1UF, 16V C 1000PF, 50V C 0.1UF, 16V C 1000PF, 50V CAPACITOR C 0.1UF, 16V C 1000PF, 50V CAPACITOR C 0.1UF, 16V C 1000PF, 50V CAPACITOR C 0.1UF, 16V CAPACITOR CAPACITOR CAPACITOR CAPACITOR	

Ref. No.	Part No.	Part Name & Description	Remarks
C1200	ECJ0EF1C104Z	C 0.1UF, 16V	
C1201	ECJ0EF1C104Z	C 0.1UF, 16V	
C1202	ECJ0EF1C104Z	C 0.1UF, 16V	
C1203	ECJ0EF1C104Z	C 0.1UF, 16V	
C1204	ECJ0EF1C104Z	C 0.1UF, 16V	
C1205	ECJ0EF1C104Z	C 0.1UF, 16V	
C1206	ECJ0EF1C104Z	C 0.1UF, 16V	
C1207	ECJ0EF1C104Z	C 0.1UF, 16V	
C1208	ECJ2FF1A106Z	C 10UF, 10V	
C1209	ECJ0EF1C104Z	C 0.1UF, 16V	
C1210	ECJ0EF1C104Z	C 0.1UF, 16V	
C1211	ECJ0EF1C104Z	C 0.1UF, 16V	
C1212	ECJ0EF1C104Z	C 0.1UF, 16V	
C1213 C1214	ECJ0EF1C104Z	C 0.1UF, 16V	
C1214 C1215	ECJ0EF1C104Z ECJ0EF1C104Z	C 0.1UF, 16V	
C1215	ECJ0EF1C104Z	C 0.1UF, 16V C 0.1UF, 16V	
C1217	ECJ0EF1C104Z	C 0.1UF, 16V	
C1217 C1218	ECJ0EF1C104Z	C 0.1UF, 16V	
C1218	ECJ0EF1C104Z	C 0.1UF, 16V	
C1223	+	C 0.1UF, 16V	
C1223	ECJ0EF1C104Z	C 0.1UF, 16V	
C1225	ECJ0EF1C104Z	C 0.1UF, 16V	
C1225	ECJ0EF1C104Z	C 0.1UF, 16V	
C1227	ECJ0EF1C104Z	C 0.1UF, 16V	
C1228	ECJ0EF1C104Z	C 0.1UF, 16V	
C1229	ECJ0EF1C104Z	C 0.1UF, 16V	
C1230	ECJ0EF1C104Z	C 0.1UF, 16V	
C1231	ECJ0EF1C104Z	C 0.1UF, 16V	
C1233	ECJ0EF1C104Z	C 0.1UF, 16V	
C1234	ECJ0EB1H102K	C 1000PF, 50V	
C1235	ECJ0EF1C104Z	C 0.1UF, 16V	
C1236	ECJ0EF1C104Z	C 0.1UF, 16V	
C1237	ECJ0EF1C104Z	C 0.1UF, 16V	
C1238	ECJ0EF1C104Z	C 0.1UF, 16V	
C1239	ECJ0EF1C104Z	C 0.1UF, 16V	
C1240	ECJ0EF1C104Z	C 0.1UF, 16V	
C1241	ECJ0EF1C104Z	C 0.1UF, 16V	
C1242	ECJ0EF1C104Z	C 0.1UF, 16V	
C1243	ECJ0EF1C104Z	C 0.1UF, 16V	
C1244	ECJ0EF1C104Z	C 0.1UF, 16V	
C1245	ECJ0EF1C104Z	C 0.1UF, 16V	
C1246	ECJ0EF1C104Z	C 0.1UF, 16V	
C1247	EEEHB0G101R	E 100UF, 4V	
C1249	ECJ0EF1C104Z	C 0.1UF, 16V	
C1250	ECJ0EF1C104Z	C 0.1UF, 16V	
C1251	ECJ0EF1C104Z	C 0.1UF, 16V	
C1252	ECJ0EF1C104Z	C 0.1UF, 16V	
C1253	ECJ0EF1C104Z	C 0.1UF, 16V	
C1254	ECJ0EF1C104Z	C 0.1UF, 16V	
C1255	ECJ0EF1C104Z	C 0.1UF, 16V	
C1256	ECJ0EF1C104Z	C 0.1UF, 16V	
C1257	ECJ0EF1C104Z	C 0.1UF, 16V	
C1258	ECJ0EF1C104Z	C 0.1UF, 16V	
C1259	ECJ0EF1C104Z	C 0.1UF, 16V	
C1260	ECJ0EF1C104Z	C 0.1UF, 16V	
C1261	ECJ0EF1C104Z	C 0.1UF, 16V	
C1262	ECJ0EF1C104Z	C 0.1UF, 16V	
C1263	ECJ0EF1C104Z	C 0.1UF, 16V	
C1315 C1317	ECJ0EF1C104Z ECJ0EF1C104Z	C 0.1UF, 16V	
		C 0.1UF, 16V	
C1348 C1349	ECJ0EF1C104Z ECJ0EF1C104Z	C 0.1UF, 16V	
C1349 C1370	ECJ0EF1C104Z ECJ0EF1C104Z	C 0.1UF, 16V C 0.1UF, 16V	
C1370	F2G1E4R70007	CAPACITOR	
C1371	F2G1E4R70007	CAPACITOR	
C1373	F2G1E4R70007	CAPACITOR	
C1374 C1375	EEEHBOG101R	E 100UF, 4V	
C1375	EEEHBOG101R EEEHBOG101R	E 100UF, 4V	
C1376 C1430	ECJ0EF1C104Z	C 0.1UF, 16V	
C1430 C1431	ECJ0EF1C104Z	C 0.1UF, 16V	
	ECJ0EF1C104Z	C 0.1UF, 16V	
C1432			

C1434 F2G1E3300010 CAPACITOR C1435 F2G1E3300010 CAPACITOR C1436 ECJOEFICIO4Z C 0.1UF, 16V C1437 ECJOEFICIO4Z C 0.1UF, 16V C1439 F2G1E3300010 CAPACITOR C1440 F2G1E3300010 CAPACITOR C1441 F2G1E3300010 CAPACITOR C1441 F2G1E3300010 CAPACITOR C1442 ECJOEFICIO4Z C 0.1UF, 16V C1443 ECJOEFICIO4Z C 0.1UF, 16V C1444 ECJOEFICIO4Z C 0.1UF, 16V C1444 ECJOEFICIO4Z C 0.1UF, 16V C1445 ECJOEFICIO4Z C 0.1UF, 16V C1446 ECJOEFICIO4Z C 0.1UF, 16V C1447 ECJOEFICIO4Z C 0.1UF, 16V C1448 ECJOEFICIO4Z C 0.1UF, 16V C1449 ECJOEFICIO4Z C 0.1UF, 16V C1451 ECJOEFICIO4Z C 0.1UF, 16V C1452 ECJOEFICIO4Z C 0.1UF, 16V C1453 ECJOEFICIO4Z C 0.1UF, 16V C1454 ECJOEFICIO4Z C 0.1UF, 16V C1455 ECJOEFICIO4Z C 0.1UF, 16V C1455 ECJOEFICIO4Z C 0.1UF, 16V C1456 ECJOEFICIO4Z C 0.1UF, 16V C1457 ECJOEFICIO4Z C 0.1UF, 16V C1458 ECJOEFICIO4Z C 0.1UF, 16V C1458 ECJOEFICIO4Z C 0.1UF, 16V C1459 ECJOEFICIO4Z C 0.1UF, 16V C1458 ECJOEFICIO4Z C 0.1UF, 16V C1458 ECJOEFICIO4Z C 0.1UF, 16V C1459 ECJOEFICIO4Z C 0.1UF, 16V C1450 ECJOEFICIO4Z C 0.1UF, 16V C1451 ECJOEFICIO4Z C 0.1UF, 16V C1452 ECJOEFICIO4Z C 0.1UF, 16V C1453 ECJOEFICIO4Z C 0.1UF, 16V C1461 ECJOEFICIO4Z C 0.1UF, 16V C1461 ECJOEFICIO4Z C 0.1UF, 16V C1462 ECJOEFICIO4Z C 0.1UF, 16V C1463 ECJOEFICIO4Z C 0.1UF, 16V C1464 ECJOEFICIO4Z C 0.1UF, 16V C1465 ECJOEFICIO4Z C 0.1UF, 16V C1466 ECJOEFICIO4Z C 0.1UF, 16V C1466 ECJOEFICIO4Z C 0.1UF, 16V C1467 ECJOEFICIO4Z C 0.1UF, 16V C1468 ECJOEFICIO4Z C 0.1UF, 16V C1469 ECJOEFICIO4Z C 0.1UF, 16V C1471 ECHOEFICIO4Z C 0.1UF, 16V C1472 EEHBOGIO1R E 100UF, 4V C1473 ECJOEFICIO4Z C 0.1UF, 16V C1474 ECJOEFICIO4Z C 0.1UF, 16V C1475 ECJOEFICIO4Z C 0.1UF, 16V C1476 ECJOEFICIO4Z C 0.1UF, 16V C1477 ECJOEFICIO4Z C 0.1UF, 16V C1478 ECJOEFICIO4Z C 0.1UF, 16V C1479 ECHOEFICIO4Z	Ref.	Part No.	Part Name & Description	Remarks
C1435		F2G1E3300010	CAPACITOR	
C1436   CJOEFICIO4Z   C 0.1UF, 16V   C1437   CJOEFICIO4Z   C 0.1UF, 16V   C1438   CJOEFICIO4Z   C 0.1UF, 16V   C1438   CJOEFICIO4Z   C 0.1UF, 16V   C1441   F2G1E3300010   CAPACITOR   C1441   F2G1E3300010   CAPACITOR   C1442   CJOEFICIO4Z   C 0.1UF, 16V   C1443   CJOEFICIO4Z   C 0.1UF, 16V   C1444   CJOEFICIO4Z   C 0.1UF, 16V   C1445   CJOEFICIO4Z   C 0.1UF, 16V   C1446   CJOEFICIO4Z   C 0.1UF, 16V   C1447   CJOEFICIO4Z   C 0.1UF, 16V   C1448   CJOEFICIO4Z   C 0.1UF, 16V   C1449   CJOEFICIO4Z   C 0.1UF, 16V   C1449   CJOEFICIO4Z   C 0.1UF, 16V   C1449   CJOEFICIO4Z   C 0.1UF, 16V   C1440   CJOEFICIO4Z   C 0.1UF, 16V   C1451   CJOEFICIO4Z   C 0.1UF, 16V   C1452   CJOEFICIO4Z   C 0.1UF, 16V   C1453   CJOEFICIO4Z   C 0.1UF, 16V   C1451   CJOEFICIO4Z   C 0.1UF, 16V   C1452   CJOEFICIO4Z   C 0.1UF, 16V   C1453   CJOEFICIO4Z   C 0.1UF, 16V   C1454   CJOEFICIO4Z   C 0.1UF, 16V   C1455   CJOEFICIO4Z   C 0.1UF, 16V   C1456   CJOEFICIO4Z   C 0.1UF, 16V   C1457   CJOEFICIO4Z   C 0.1UF, 16V   C1458   CJOEFICIO4Z   C 0.1UF, 16V   C1459   CJOEFICIO4Z   C 0.1UF, 16V   C1459   CJOEFICIO4Z   C 0.1UF, 16V   C1450   CJOEFICIO4Z   C 0.1UF, 16V   C1451   CJOEFICIO4Z   C 0.1UF, 16V   C1461   CJOEFICIO4Z   C 0.1UF, 16V   C1462   CJOEFICIO4Z   C 0.1UF, 16V   C1463   CJOEFICIO4Z   C 0.1UF, 16V   C1464   CJOEFICIO4Z   C 0.1UF, 16V   C1465   CJOEFICIO4Z   C 0.1UF, 16V   C1466   CJOEFICIO4Z   C 0.1UF, 16V   C1461   CJOEFICIO4Z   C 0.1UF, 16V   C1462   CJOEFICIO4Z   C 0.1UF, 16V   C1463   CJOEFICIO4Z   C 0.1UF, 16V   C1464   CJOEFICIO4Z   C 0.1UF, 16V   C1465   CJOEFICIO4Z   C 0.1UF, 16V   C1466   CJOEFICIO4Z   C 0.1UF, 16V   C1467   CJOEFICIO4Z   C 0.1UF, 16V   C1468   CJOEFICIO4Z   C 0.1UF, 16V   C1479   CJOEFICIO4Z   C 0.1UF, 16V   C1471   EERBOGIO1R   D 10UF, 16V   C1471   EERBOGIO1R   D 10UF, 16V   C1472   CJOEFICIO4Z   C 0.1UF, 16V   C1473   CJOEFICIO4Z   C 0.1UF, 16V   C1474   CJOEFICIO4Z   C 0.1UF, 16V   C1475   CJOEFICIO4Z   C 0.1UF, 16V   C1476   CJOEFICIO4Z   C 0.1UF, 16V   C1477   CJOEFICIO4Z   C 0.1UF, 16V   C1479   CJOEFICIO4Z				
C1437   C0.08F1C104Z   C 0.1UF, 16V   C1438   ECJ08F1C104Z   C 0.1UF, 16V   C1449   F2G183300010   CAPACITOR   C1441   F2G183300010   CAPACITOR   C1441   F2G183300010   CAPACITOR   C1441   F2G183300010   CAPACITOR   C1442   ECJ08F1C104Z   C 0.1UF, 16V   C1443   ECJ08F1C104Z   C 0.1UF, 16V   C1444   ECJ08F1C104Z   C 0.1UF, 16V   C1444   ECJ08F1C104Z   C 0.1UF, 16V   C1445   ECJ08F1C104Z   C 0.1UF, 16V   C1446   ECJ08F1C104Z   C 0.1UF, 16V   C1447   ECJ08F1C104Z   C 0.1UF, 16V   C1448   ECJ08F1C104Z   C 0.1UF, 16V   C1449   ECJ08F1C104Z   C 0.1UF, 16V   C1449   ECJ08F1C104Z   C 0.1UF, 16V   C1450   ECJ08F1C104Z   C 0.1UF, 16V   C1451   ECJ08F1C104Z   C 0.1UF, 16V   C1452   ECJ08F1C104Z   C 0.1UF, 16V   C1452   ECJ08F1C104Z   C 0.1UF, 16V   C1454   ECJ08F1C104Z   C 0.1UF, 16V   C1455   ECJ08F1C104Z   C 0.1UF, 16V   C1455   ECJ08F1C104Z   C 0.1UF, 16V   C1456   ECJ08F1C104Z   C 0.1UF, 16V   C1457   ECJ08F1C104Z   C 0.1UF, 16V   C1458   ECJ08F1C104Z   C 0.1UF, 16V   C1458   ECJ08F1C104Z   C 0.1UF, 16V   C1458   ECJ08F1C104Z   C 0.1UF, 16V   C1459   ECJ08F1C104Z   C 0.1UF, 16V   C1460   ECJ08F1C104Z   C 0.1UF, 16V   C1461   ECJ08F1C104Z   C 0.1UF, 16V   C1462   ECJ08F1C104Z   C 0.1UF, 16V   C1462   ECJ08F1C104Z   C 0.1UF, 16V   C1462   ECJ08F1C104Z   C 0.1UF, 16V   C1463   ECJ08F1C104Z   C 0.1UF, 16V   C1464   ECJ08F1C104Z   C 0.1UF, 16V   C1465   ECJ08F1C104Z   C 0.1UF, 16V   C1466   ECJ08F1C104Z   C 0.1UF, 16V   C1477   ECJ08F1C104Z   C 0.1UF, 16V   C1478   ECJ08F1C104Z   C 0.1UF, 16V   C1479   ECJ08F1C104Z   C 0.1UF, 16V   C1479   ECJ08F1C104Z   C 0.1UF, 16V   C1479   ECJ08F1C104Z   C 0.1UF, 16V   C1479				
C14439 F2G1E3300010 CAPACITOR C1441 F2G1E3300010 CAPACITOR C1442 BCJOEF1C104Z C 0.1UF, 16V C1443 BCJOEF1C104Z C 0.1UF, 16V C1444 BCJOEF1C104Z C 0.1UF, 16V C1444 BCJOEF1C104Z C 0.1UF, 16V C1445 BCJUFF1C104Z C 0.1UF, 16V C1445 BCJUFF1C104Z C 0.1UF, 16V C1446 BCJOEF1C104Z C 0.1UF, 16V C1447 BCJOEF1C104Z C 0.1UF, 16V C1448 BCJOEF1C104Z C 0.1UF, 16V C1448 BCJOEF1C104Z C 0.1UF, 16V C1449 BCJOEF1C104Z C 0.1UF, 16V C1450 BCJOEF1C104Z C 0.1UF, 16V C1451 BCJOEF1C104Z C 0.1UF, 16V C1451 BCJOEF1C104Z C 0.1UF, 16V C1452 BCJOEF1C104Z C 0.1UF, 16V C1453 BCJOEF1C104Z C 0.1UF, 16V C1454 BCJOEF1C104Z C 0.1UF, 16V C1455 BCJOEF1C104Z C 0.1UF, 16V C1455 BCJOEF1C104Z C 0.1UF, 16V C1456 BCJOEF1C104Z C 0.1UF, 16V C1457 BCJOEF1C104Z C 0.1UF, 16V C1458 BCJOEF1C104Z C 0.1UF, 16V C1458 BCJOEF1C104Z C 0.1UF, 16V C1459 BCJOEF1C104Z C 0.1UF, 16V C1450 BCJOEF1C104Z C 0.1UF, 16V C1451 BCJOEF1C104Z C 0.1UF, 16V C1461 BCJOEF1C104Z C 0.1UF, 16V C1461 BCJOEF1C104Z C 0.1UF, 16V C1462 BCJOEF1C104Z C 0.1UF, 16V C1463 BCJOEF1C104Z C 0.1UF, 16V C1464 BCJOEF1C104Z C 0.1UF, 16V C1463 BCJOEF1C104Z C 0.1UF, 16V C1464 BCJOEF1C104Z C 0.1UF, 16V C1465 BCJOEF1C104Z C 0.1UF, 16V C1466 BCJOEF1C104Z C 0.1UF, 16V C1466 BCJOEF1C104Z C 0.1UF, 16V C1467 BCJOEF1C104Z C 0.1UF, 16V C1468 BCJOEF1C104Z C 0.1UF, 16V C1468 BCJOEF1C104Z C 0.1UF, 16V C1468 BCJOEF1C104Z C 0.1UF, 16V C1469 BCJOEF1C104Z C 0.1UF, 16V C1471 BCHBROG101R B 100UF, 4V C1472 BEBHBOG10R B 100UF, 4V C1473 BCJOEF1C104Z C 0.1UF, 16V C1474 BCJOEF1C104Z C 0.1UF, 16V C1474 BCJOEF1C104Z C 0.1UF, 16V C1474 BCJOEF1C104Z C 0.1UF, 16V C1475 BCJOEF1C104Z C 0.1UF, 16V C1476 BCJOEF1C104Z C 0.1UF, 16V C1477 BCJOEF1C104Z C 0.1UF, 16V C1478 BCJOEF1C104Z C 0.1UF, 16V C1479 BCHBROG10R B 100UF, 4V C1479 BCHBROG10R B 100UF, 4V C1479 BCHBROG10R C 0.1UF, 16V C1	C1437	ECJ0EF1C104Z		
C1440 F2G1E3300010 CAPACITOR C1441 F2G1E3300010 CAPACITOR C1442 ECORFICIO4Z C 0.1UF, 16V C1443 ECORFICIO4Z C 0.1UF, 16V C1444 ECORFICIO4Z C 0.1UF, 16V C1445 ECORFICIO4Z C 0.1UF, 16V C1446 ECORFICIO4Z C 0.1UF, 16V C1447 ECORFICIO4Z C 0.1UF, 16V C1448 ECORFICIO4Z C 0.1UF, 16V C1449 ECORFICIO4Z C 0.1UF, 16V C1449 ECORFICIO4Z C 0.1UF, 16V C1449 ECORFICIO4Z C 0.1UF, 16V C1441 ECORFICIO4Z C 0.1UF, 16V C1441 ECORFICIO4Z C 0.1UF, 16V C1441 ECORFICIO4Z C 0.1UF, 16V C1442 ECORFICIO4Z C 0.1UF, 16V C1443 ECORFICIO4Z C 0.1UF, 16V C1451 ECORFICIO4Z C 0.1UF, 16V C1452 ECORFICIO4Z C 0.1UF, 16V C1453 ECORFICIO4Z C 0.1UF, 16V C1454 ECORFICIO4Z C 0.1UF, 16V C1455 ECORFICIO4Z C 0.1UF, 16V C1456 ECORFICIO4Z C 0.1UF, 16V C1457 ECORFICIO4Z C 0.1UF, 16V C1458 ECORFICIO4Z C 0.1UF, 16V C1459 ECORFICIO4Z C 0.1UF, 16V C1450 ECORFICIO4Z C 0.1UF, 16V C1450 ECORFICIO4Z C 0.1UF, 16V C1450 ECORFICIO4Z C 0.1UF, 16V C1451 ECORFICIO4Z C 0.1UF, 16V C1461 ECORFICIO4Z C 0.1UF, 16V C1462 ECORFICIO4Z C 0.1UF, 16V C1463 ECORFICIO4Z C 0.1UF, 16V C1464 ECORFICIO4Z C 0.1UF, 16V C1465 ECORFICIO4Z C 0.1UF, 16V C1466 ECORFICIO4Z C 0.1UF, 16V C1466 ECORFICIO4Z C 0.1UF, 16V C1467 ECORFICIO4Z C 0.1UF, 16V C1468 ECORFICIO4Z C 0.1UF, 16V C1469 ECORFICIO4Z C 0.1UF, 16V C1469 ECORFICIO4Z C 0.1UF, 16V C1460 ECORFICIO4Z C 0.1UF, 16V C1461 ECORFICIO4Z C 0.1UF, 16V C1461 ECORFICIO4Z C 0.1UF, 16V C1462 ECORFICIO4Z C 0.1UF, 16V C1463 ECORFICIO4Z C 0.1UF, 16V C1470 ECORFICIO4Z C 0.1UF, 16V C1471 ECERBOGIOR E 100UF, 4V C1472 EERBOGIOR E 100UF, 4V C1473 ECORFICIO4Z C 0.1UF, 16V C1474 ECORFICIO4Z C 0.1UF, 16V C1475 ECORFICIO4Z C 0.1UF, 16V C1476 ECORFICIO4Z C 0.1UF, 16V C1477 ECORFICIO4Z C 0.1UF, 16V C1479 EERBOGIOR E 100UF, 4V C1471 ECERBOGIOR E 100UF, 4V C1471 ECERBOGIOR E 100UF, 4V C1472 ECORFICIO4Z C 0.1UF, 16V C1473 ECORFICIO4Z C 0.1UF, 16V C1474 ECORFICIO4Z C 0.1UF, 16V C1475 ECORFICIO4Z C 0.1UF, 16V C1476 ECORFICIO4Z C 0.1UF, 16V C1477 ECORFICIO4Z C 0.1UF, 16V C1479 EERBOGIOR E 100UF, 4V C1479 ECORFICIO4Z C 0.1UF, 16V C1491 ECORFICIO4Z C 0.1UF, 16V C1505 ECORFICIO4Z C	C1438	ECJ0EF1C104Z	C 0.1UF, 16V	
C1441 F2G1E3300010 CAPACITOR C1442 ECORFICIO4Z C 0.1UF, 16V C1443 ECORFICIO4Z C 0.1UF, 16V C1444 ECORFICIO4Z C 0.1UF, 16V C1444 ECORFICIO4Z C 0.1UF, 16V C1446 ECORFICIO4Z C 0.1UF, 16V C1447 ECORFICIO4Z C 0.1UF, 16V C1447 ECORFICIO4Z C 0.1UF, 16V C1448 ECORFICIO4Z C 0.1UF, 16V C1449 ECORFICIO4Z C 0.1UF, 16V C1449 ECORFICIO4Z C 0.1UF, 16V C1451 ECORFICIO4Z C 0.1UF, 16V C1452 ECORFICIO4Z C 0.1UF, 16V C1453 ECORFICIO4Z C 0.1UF, 16V C1453 ECORFICIO4Z C 0.1UF, 16V C1454 ECORFICIO4Z C 0.1UF, 16V C1455 ECORFICIO4Z C 0.1UF, 16V C1456 ECORFICIO4Z C 0.1UF, 16V C1457 ECORFICIO4Z C 0.1UF, 16V C1458 ECORFICIO4Z C 0.1UF, 16V C1458 ECORFICIO4Z C 0.1UF, 16V C1459 ECORFICIO4Z C 0.1UF, 16V C1450 ECORFICIO4Z C 0.1UF, 16V C1451 ECORFICIO4Z C 0.1UF, 16V C1460 ECORFICIO4Z C 0.1UF, 16V C1461 ECORFICIO4Z C 0.1UF, 16V C1462 ECORFICIO4Z C 0.1UF, 16V C1463 ECORFICIO4Z C 0.1UF, 16V C1464 ECORFICIO4Z C 0.1UF, 16V C1465 ECORFICIO4Z C 0.1UF, 16V C1466 ECORFICIO4Z C 0.1UF, 16V C1467 ECORFICIO4Z C 0.1UF, 16V C1468 ECORFICIO4Z C 0.1UF, 16V C1468 ECORFICIO4Z C 0.1UF, 16V C1469 ECORFICIO4Z C 0.1UF, 16V C1471 EERHOGIOIR E 100UF, 4V C1472 EERHOGIOIR E 100UF, 4V C1473 ECORFICIO4Z C 0.1UF, 16V C1474 ECORFICIO4Z C 0.1UF, 16V C1475 ECORFICIO4Z C 0.1UF, 16V C1476 ECORFICIO4Z C 0.1UF, 16V C1477 ECORFICIO4Z C 0.1UF, 16V C1479 ERHOGIOIR E 100UF, 4V C1479 ECORFICIO4Z C 0.1UF, 16V C1528 ECO	C1439	F2G1E3300010	CAPACITOR	
C14442	C1440	F2G1E3300010	CAPACITOR	
C1444 BCJOEPICIO4Z C 0.1UF, 16V C1444 BCJOEPICIO4Z C 0.1UF, 16V C1445 BCJUPPIB33Z C 0.033UF, 50V C1446 BCJOEPICIO4Z C 0.1UF, 16V C1447 BCJOEPICIO4Z C 0.1UF, 16V C1448 BCJOEPICIO4Z C 0.1UF, 16V C1449 BCJOEPICIO4Z C 0.1UF, 16V C1449 BCJOEPICIO4Z C 0.1UF, 16V C1449 BCJOEPICIO4Z C 0.1UF, 16V C1450 BCJOEPICIO4Z C 0.1UF, 16V C1451 BCJOEPICIO4Z C 0.1UF, 16V C1452 BCJOEPICIO4Z C 0.1UF, 16V C1453 BCJOEPICIO4Z C 0.1UF, 16V C1453 BCJOEPICIO4Z C 0.1UF, 16V C1454 BCJOEPICIO4Z C 0.1UF, 16V C1455 BCJOEPICIO4Z C 0.1UF, 16V C1455 BCJOEPICIO4Z C 0.1UF, 16V C1456 BCJOEPICIO4Z C 0.1UF, 16V C1457 BCJOEPICIO4Z C 0.1UF, 16V C1458 BCJOEPICIO4Z C 0.1UF, 16V C1459 BCJOEPICIO4Z C 0.1UF, 16V C1450 BCJOEPICIO4Z C 0.1UF, 16V C1461 BCJOEPICIO4Z C 0.1UF, 16V C1461 BCJOEPICIO4Z C 0.1UF, 16V C1462 BCJOEPICIO4Z C 0.1UF, 16V C1463 BCJOEPICIO4Z C 0.1UF, 16V C1464 BCJOEPICIO4Z C 0.1UF, 16V C1463 BCJOEPICIO4Z C 0.1UF, 16V C1464 BCJOEPICIO4Z C 0.1UF, 16V C1465 BCJOEPICIO4Z C 0.1UF, 16V C1466 BCJOEPICIO4Z C 0.1UF, 16V C1467 BCJOEPICIO4Z C 0.1UF, 16V C1468 BCJOEPICIO4Z C 0.1UF, 16V C1468 BCJOEPICIO4Z C 0.1UF, 16V C1469 BCJOEPICIO4Z C 0.1UF, 16V C1468 BCJOEPICIO4Z C 0.1UF, 16V C1469 BCJOEPICIO4Z C 0.1UF, 16V C1470 BCJOEPICIO4Z C 0.1UF, 16V C1471 BEENBOGIOR E 100UF, 4V C1472 BEENBOGIOR E 100UF, 4V C1473 BCJOEPICIO4Z C 0.1UF, 16V C1474 BCJOEPICIO4Z C 0.1UF, 16V C1475 BCJOEPICIO4Z C 0.1UF, 16V C1476 BCJOEPICIO4Z C 0.1UF, 16V C1477 BCJOEPICIO4Z C 0.1UF, 16V C1479 BCJOEPICIO4Z C 0.1UF, 16V C1479 BCJOEPICIO4Z C 0.1UF, 16V C1470 BCJOEPICIO4Z C 0.1UF, 16V C1471 BCJOEPICIO4Z C 0.1UF, 16V C1472 BEENBOGIOR E 100UF, 4V C1473 BCJOEPICIO4Z C 0.1UF, 16V C1474 BCJOEPICIO4Z C 0.1UF, 16V C1475 BCJOEPICIO4Z C 0.1UF, 16V C1476 BCJOEPICIO4Z C 0.1UF, 16V C1477 BCJOEPICIO4Z C 0.1UF, 16V C1478 BCJOEPICIO4Z C 0.1UF, 16V C1479 BCJOEPICIO4Z C 0.1UF, 16V C1480 BCJOEPICIO4Z C 0.1UF, 16V C1503 BCJUPJANOSC C 0.1UF, 16V C1503 BCJUPJANOSC C 0.1UF, 16V C1503 BC	C1441	F2G1E3300010	CAPACITOR	
C1444	C1442	ECJ0EF1C104Z	C 0.1UF, 16V	
C1445 ECJUPP1H333Z C 0.033UF, 50V  C1446 ECJOEP1C104Z C 0.1UF, 16V  C1447 ECJOEP1C104Z C 0.1UF, 16V  C1448 ECJOEP1C104Z C 0.1UF, 16V  C1449 ECJOEP1C104Z C 0.1UF, 16V  C1450 ECJOEP1C104Z C 0.1UF, 16V  C1451 ECJOEP1C104Z C 0.1UF, 16V  C1451 ECJOEP1C104Z C 0.1UF, 16V  C1452 ECJOEP1C104Z C 0.1UF, 16V  C1453 ECJOEP1C104Z C 0.1UF, 16V  C1454 ECJOEP1C104Z C 0.1UF, 16V  C1455 ECJOEP1C104Z C 0.1UF, 16V  C1455 ECJOEP1C104Z C 0.1UF, 16V  C1456 ECJOEP1C104Z C 0.1UF, 16V  C1457 ECJOEP1C104Z C 0.1UF, 16V  C1458 ECJOEP1C104Z C 0.1UF, 16V  C1457 ECJOEP1C104Z C 0.1UF, 16V  C1458 ECJOEP1C104Z C 0.1UF, 16V  C1459 ECJOEP1C104Z C 0.1UF, 16V  C1460 ECJOEP1C104Z C 0.1UF, 16V  C1461 ECJOEP1C104Z C 0.1UF, 16V  C1461 ECJOEP1C104Z C 0.1UF, 16V  C1462 ECJOEP1C104Z C 0.1UF, 16V  C1463 ECJOEP1C104Z C 0.1UF, 16V  C1464 ECJOEP1C104Z C 0.1UF, 16V  C1465 ECJOEP1C104Z C 0.1UF, 16V  C1466 ECJOEP1C104Z C 0.1UF, 16V  C1467 ECJOEP1C104Z C 0.1UF, 16V  C1468 ECJOEP1C104Z C 0.1UF, 16V  C1469 ECJOEP1C104Z C 0.1UF, 16V  C1470 ECJOEP1C104Z C 0.1UF, 16V  C1471 EEREBGG101R E 100UF, 4V  C1472 EEEBBGG10R E 100UF, 4V  C1473 ECJOEP1C104Z C 0.1UF, 16V  C1474 ECJOEP1C104Z C 0.1UF, 16V  C1475 ECJOEP1C104Z C 0.1UF, 16V  C1476 ECJOEP1C104Z C 0.1UF, 16V  C1477 ECJOEP1C104Z C 0.1UF, 16V  C1478 ECJOEP1C104Z C 0.1UF, 16V  C1479 ECJOEP1C104Z C 0.1UF, 16V  C1471 EERBGG101R E 100UF, 4V  C1472 EEEBBGG10R E 100UF, 4V  C1473 ECJOEP1C104Z C 0.1UF, 16V  C1474 ECJOEP1C104Z C 0.1UF, 16V  C1475 ECJOEP1C104Z C 0.1UF, 16V  C1476 ECJOEP1C104Z C 0.1UF, 16V  C1477 ECJOEP1C104Z C 0.1UF, 16V  C1478 ECJOEP1C104Z C 0.1UF, 16V  C1479 ECJOEP1C104Z C 0.1UF, 16V  C1470 ECJOEP1C104Z C 0.1UF, 16V  C1471 EERBGG10R E 100UF, 4V  C1472 EERBGG10R E 100UF, 4V  C1473 ECJOEP1C104Z C 0.1UF, 16V  C1476 ECJOEP1C104Z C 0.1UF, 16V  C1477 ECJOEP1C104Z C 0.1UF, 16V  C1478 ECJOEP1C104Z C 0.1UF, 16V  C1500 ECJOEP1C104Z C 0.1UF, 16V  C1501 ECJOEP1C104Z C 0.1UF, 16V  C1501 ECJOEP1C104				
C1446				
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C1458	C1456	ECJ0EF1C104Z	C 0.1UF, 16V	
C1459	C1457	ECJ0EF1C104Z	C 0.1UF, 16V	
C1460 ECJOEFIC104Z C 0.1UF, 16V C1461 ECJOEFIC104Z C 0.1UF, 16V C1462 ECJOEFIC104Z C 0.1UF, 16V C1463 ECJOEFIC104Z C 0.1UF, 16V C1464 ECJOEFIC104Z C 0.1UF, 16V C1465 ECJOEFIC104Z C 0.1UF, 16V C1466 ECJOEFIC104Z C 0.1UF, 16V C1466 ECJOEFIC104Z C 0.1UF, 16V C1467 ECJOEFIC104Z C 0.1UF, 16V C1468 ECJOEFIC104Z C 0.1UF, 16V C1468 ECJOEFIC104Z C 0.1UF, 16V C1469 ECJOEFIC104Z C 0.1UF, 16V C1470 ECJOEFIC104Z C 0.1UF, 16V C1471 EEEHBOGIOIR E 100UF, 4V C1472 EEEHBOGIOIR E 100UF, 4V C1473 ECJOEFIC104Z C 0.1UF, 16V C1474 ECJOEFIC104Z C 0.1UF, 16V C1475 ECJOEFIC104Z C 0.1UF, 16V C1476 ECJOEFIC104Z C 0.1UF, 16V C1477 ECJOEFIC104Z C 0.1UF, 16V C1478 ECJOEFIC104Z C 0.1UF, 16V C1479 EEEHBOGIOIR E 100UF, 4V C1479 EEEHBOGIOIR E 100UF, 4V C1479 EEEHBOGIOIR E 100UF, 4V C1479 ECJOEFIC104Z C 0.1UF, 16V C1479 ECJOEFIC104Z C 0.1UF, 16V C1491 ECJOEFIC104Z C 0.1UF, 16V C1492 ECJOEFIC104Z C 0.1UF, 16V C1493 F200J330001 CAPACITOR C1497 ECJUEFIC104Z C 0.1UF, 16V C1499 ECJOEFIC104Z C 0.1UF, 16V C1500 ECJOEFIC104Z C 0.1UF, 16V C1501 ECJOEFIC104Z C 0.1UF, 16V C1502 ECJOEFIC104Z C 0.1UF, 16V C1503 ECJUEFIC104Z C 0.1UF, 16V C1504 ECJOEFIC104Z C 0.1UF, 16V C1505 ECJOEFIC104Z C 0.1UF, 16V C1506 ECJOEFIC104Z C 0.1UF, 16V C1507 F2G1E3300010 CAPACITOR C1518 ECJOEFIC104Z C 0.1UF, 16V C1519 ECJOEFIC104Z C 0.1UF, 16V C1521 ECJOEFIC104Z C 0.1UF, 16V C1522 ECJOEFIC104Z C 0.1UF, 16V C1523 ECJOEFIC104Z C 0.1UF, 16V C1524 ECJOEFIC104Z C 0.1UF, 16V C1525 ECJOEFIC104Z C 0.1UF, 16V C1526 ECJOEFIC104Z C 0.1UF, 16V C1527 ECJOEFIC104Z C 0.1UF, 16V C1528 ECJOEFIC104Z C 0.1UF, 16V C1529 ECJOEFIC104Z C 0.1UF, 16V C1520 ECJOEFIC104Z C 0.1UF, 16V C1521 ECJOEFIC104Z C 0.1UF, 16V C1522 ECJOEFIC104Z C 0.1UF, 16V C1523 ECJOEFIC104Z C 0.1UF, 16V	C1458	ECJ0EF1C104Z	C 0.1UF, 16V	
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C1500 ECJ0EF1C104Z C 0.1UF, 16V  C1503 ECJ1VF1A105Z C 1UF, Z, 50V  C1505 ECJ0EF1C104Z C 0.1UF, 16V  C1506 ECJ0EF1C104Z C 0.1UF, 16V  C1507 F2G1E3300010 CAPACITOR  C1515 ECJ0EF1C104Z C 0.1UF, 16V  C1516 ECJ0EF1C104Z C 0.1UF, 16V  C1518 ECJ0EF1C104Z C 0.1UF, 16V  C1519 ECJ0EF1C104Z C 0.1UF, 16V  C1523 ECJ0EF1C104Z C 0.1UF, 16V  C1524 ECJ0EF1C104Z C 0.1UF, 16V  C1525 ECJ0EF1C104Z C 0.1UF, 16V  C1526 ECJ0EF1C104Z C 0.1UF, 16V  C1527 ECJ0EF1C104Z C 0.1UF, 16V  C1528 ECJ0EF1C104Z C 0.1UF, 16V  C1529 ECJ0EF1C104Z C 0.1UF, 16V  C1530 ECJ0EF1C104Z C 0.1UF, 16V  C1531 ECJ0EF1C104Z C 0.1UF, 16V  C1532 F2G1E3300010 CAPACITOR  C1533 ECJ1VF1E105Z CAPACITOR				
C1500 ECJ0EF1C104Z C 0.1UF, 16V  C1503 ECJ1VF1A105Z C 1UF, Z, 50V  C1505 ECJ0EF1C104Z C 0.1UF, 16V  C1506 ECJ0EF1C104Z C 0.1UF, 16V  C1507 F2G1E3300010 CAPACITOR  C1515 ECJ0EF1C104Z C 0.1UF, 16V  C1516 ECJ0EF1C104Z C 0.1UF, 16V  C1518 ECJ0EF1C104Z C 0.1UF, 16V  C1519 ECJ0EF1C104Z C 0.1UF, 16V  C1523 ECJ0EF1C104Z C 0.1UF, 16V  C1524 ECJ0EF1C104Z C 0.1UF, 16V  C1525 ECJ0EF1C104Z C 0.1UF, 16V  C1526 ECJ0EF1C104Z C 0.1UF, 16V  C1527 ECJ0EF1C104Z C 0.1UF, 16V  C1528 ECJ0EF1C104Z C 0.1UF, 16V  C1529 ECJ0EF1C104Z C 0.1UF, 16V  C1530 ECJ0EF1C104Z C 0.1UF, 16V  C1531 ECJ0EF1C104Z C 0.1UF, 16V  C1532 F2G1E3300010 CAPACITOR  C1533 ECJ1VF1E105Z CAPACITOR	C1499	ECJ0EF1C104Z	C 0.1UF, 16V	
C1505 ECJ0EF1C104Z C 0.1UF, 16V C1506 ECJ0EF1C104Z C 0.1UF, 16V C1507 F2G1E3300010 CAPACITOR C1515 ECJ0EF1C104Z C 0.1UF, 16V C1516 ECJ0EF1C104Z C 0.1UF, 16V C1518 ECJ0EF1C104Z C 0.1UF, 16V C1519 ECJ0EF1C104Z C 0.1UF, 16V C1523 ECJ0EF1C104Z C 0.1UF, 16V C1525 ECJ0EF1C104Z C 0.1UF, 16V C1526 ECJ0EF1C104Z C 0.1UF, 16V C1528 ECJ0EF1C104Z C 0.1UF, 16V C1529 ECJ0EF1C104Z C 0.1UF, 16V C1529 ECJ0EF1C104Z C 0.1UF, 16V C1530 ECJ0EF1C104Z C 0.1UF, 16V C1531 ECJ0EF1C104Z C 0.1UF, 16V C1532 F2G1E3300010 CAPACITOR C1533 ECJ1VF1E105Z CAPACITOR	C1500	ECJ0EF1C104Z		
C1506 ECJ0EF1C104Z C 0.1UF, 16V  C1507 F2G1E3300010 CAPACITOR  C1515 ECJ0EF1C104Z C 0.1UF, 16V  C1516 ECJ0EF1C104Z C 0.1UF, 16V  C1518 ECJ0EF1C104Z C 0.1UF, 16V  C1519 ECJ0EF1C104Z C 0.1UF, 16V  C1523 ECJ0EF1C104Z C 0.1UF, 16V  C1525 ECJ0EF1C104Z C 0.1UF, 16V  C1526 ECJ0EF1C104Z C 0.1UF, 16V  C1528 ECJ0EF1C104Z C 0.1UF, 16V  C1529 ECJ0EF1C104Z C 0.1UF, 16V  C1530 ECJ0EF1C104Z C 0.1UF, 16V  C1531 ECJ0EF1C104Z C 0.1UF, 16V  C1532 F2G1E3300010 CAPACITOR  C1533 ECJ1VF1E105Z CAPACITOR	C1503	ECJ1VF1A105Z	C 1UF, Z, 50V	
C1507 F2G1E3300010 CAPACITOR  C1515 ECJ0EF1C104Z C 0.1UF, 16V  C1516 ECJ0EF1C104Z C 0.1UF, 16V  C1518 ECJ0EF1C104Z C 0.1UF, 16V  C1519 ECJ0EF1C104Z C 0.1UF, 16V  C1523 ECJ0EF1C104Z C 0.1UF, 16V  C1525 ECJ0EF1C104Z C 0.1UF, 16V  C1526 ECJ0EF1C104Z C 0.1UF, 16V  C1528 ECJ0EF1C104Z C 0.1UF, 16V  C1529 ECJ0EF1C104Z C 0.1UF, 16V  C1530 ECJ0EF1C104Z C 0.1UF, 16V  C1531 ECJ0EF1C104Z C 0.1UF, 16V  C1532 F2G1E3300010 CAPACITOR  C1533 ECJ1VF1E105Z CAPACITOR				
C1515 ECJ0EF1C104Z C 0.1UF, 16V C1516 ECJ0EF1C104Z C 0.1UF, 16V C1518 ECJ0EF1C104Z C 0.1UF, 16V C1519 ECJ0EF1C104Z C 0.1UF, 16V C1523 ECJ0EF1C104Z C 0.1UF, 16V C1525 ECJ0EF1C104Z C 0.1UF, 16V C1526 ECJ0EF1C104Z C 0.1UF, 16V C1528 ECJ0EF1C104Z C 0.1UF, 16V C1529 ECJ0EF1C104Z C 0.1UF, 16V C1530 ECJ0EF1C104Z C 0.1UF, 16V C1531 ECJ0EF1C104Z C 0.1UF, 16V C1532 F2G1E3300010 CAPACITOR C1533 ECJ1VF1E105Z CAPACITOR				
C1516 ECJ0EF1C104Z C 0.1UF, 16V  C1518 ECJ0EF1C104Z C 0.1UF, 16V  C1519 ECJ0EF1C104Z C 0.1UF, 16V  C1523 ECJ0EF1C104Z C 0.1UF, 16V  C1525 ECJ0EF1C104Z C 0.1UF, 16V  C1526 ECJ0EF1C104Z C 0.1UF, 16V  C1528 ECJ0EF1C104Z C 0.1UF, 16V  C1529 ECJ0EF1C104Z C 0.1UF, 16V  C1530 ECJ0EF1C104Z C 0.1UF, 16V  C1531 ECJ0EF1C104Z C 0.1UF, 16V  C1532 F2G1E3300010 CAPACITOR  C1533 ECJ1VF1E105Z CAPACITOR				
C1518 ECJ0EF1C104Z C 0.1UF, 16V  C1519 ECJ0EF1C104Z C 0.1UF, 16V  C1523 ECJ0EF1C104Z C 0.1UF, 16V  C1525 ECJ0EF1C104Z C 0.1UF, 16V  C1526 ECJ0EF1C104Z C 0.1UF, 16V  C1528 ECJ0EF1C104Z C 0.1UF, 16V  C1529 ECJ0EF1C104Z C 0.1UF, 16V  C1530 ECJ0EF1C104Z C 0.1UF, 16V  C1531 ECJ0EF1C104Z C 0.1UF, 16V  C1532 F2G1E3300010 CAPACITOR  C1533 ECJ1VF1E105Z CAPACITOR				
C1519 ECJ0EF1C104Z C 0.1UF, 16V C1523 ECJ0EF1C104Z C 0.1UF, 16V C1525 ECJ0EF1C104Z C 0.1UF, 16V C1526 ECJ0EF1C104Z C 0.1UF, 16V C1528 ECJ0EF1C104Z C 0.1UF, 16V C1529 ECJ0EF1C104Z C 0.1UF, 16V C1530 ECJ0EF1C104Z C 0.1UF, 16V C1531 ECJ0EF1C104Z C 0.1UF, 16V C1532 F2G1E3300010 CAPACITOR C1533 ECJ1VF1E105Z CAPACITOR				
C1523 ECJ0EF1C104Z C 0.1UF, 16V C1525 ECJ0EF1C104Z C 0.1UF, 16V C1526 ECJ0EF1C104Z C 0.1UF, 16V C1528 ECJ0EF1C104Z C 0.1UF, 16V C1529 ECJ0EF1C104Z C 0.1UF, 16V C1530 ECJ0EF1C104Z C 0.1UF, 16V C1531 ECJ0EF1C104Z C 0.1UF, 16V C1532 F2G1E3300010 CAPACITOR C1533 ECJ1VF1E105Z CAPACITOR				
C1525 ECJ0EF1C104Z C 0.1UF, 16V C1526 ECJ0EF1C104Z C 0.1UF, 16V C1528 ECJ0EF1C104Z C 0.1UF, 16V C1529 ECJ0EF1C104Z C 0.1UF, 16V C1530 ECJ0EF1C104Z C 0.1UF, 16V C1531 ECJ0EF1C104Z C 0.1UF, 16V C1532 F2G1E3300010 CAPACITOR C1533 ECJ1VF1E105Z CAPACITOR				
C1526 ECJ0EF1C104Z C 0.1UF, 16V C1528 ECJ0EF1C104Z C 0.1UF, 16V C1529 ECJ0EF1C104Z C 0.1UF, 16V C1530 ECJ0EF1C104Z C 0.1UF, 16V C1531 ECJ0EF1C104Z C 0.1UF, 16V C1532 F2G1E3300010 CAPACITOR C1533 ECJ1VF1E105Z CAPACITOR				
C1528 ECJ0EF1C104Z C 0.1UF, 16V C1529 ECJ0EF1C104Z C 0.1UF, 16V C1530 ECJ0EF1C104Z C 0.1UF, 16V C1531 ECJ0EF1C104Z C 0.1UF, 16V C1532 F2G1E3300010 CAPACITOR C1533 ECJ1VF1E105Z CAPACITOR				
C1529 ECJ0EF1C104Z C 0.1UF, 16V C1530 ECJ0EF1C104Z C 0.1UF, 16V C1531 ECJ0EF1C104Z C 0.1UF, 16V C1532 F2G1E3300010 CAPACITOR C1533 ECJ1VF1E105Z CAPACITOR				
C1530 ECJ0EF1C104Z C 0.1UF, 16V C1531 ECJ0EF1C104Z C 0.1UF, 16V C1532 F2G1E3300010 CAPACITOR C1533 ECJ1VF1E105Z CAPACITOR				
C1532 F2G1E3300010 CAPACITOR C1533 ECJ1VF1E105Z CAPACITOR				
C1533 ECJ1VF1E105Z CAPACITOR	C1531	ECJ0EF1C104Z	C 0.1UF, 16V	
	C1532	F2G1E3300010	CAPACITOR	
C1534   ECTIVE1H152K   CADACTTOD		ECJ1VF1E105Z	CAPACITOR	
CAPACITOR	C1534	ECJ1VB1H152K	CAPACITOR	

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Ref.	Part No.	Part Name & Description	Remarks
No. C1535	ECJ1VF1A105Z	C 111P 7 5017	
	ECJ0EF1C104Z	C 1UF, Z, 50V C 0.1UF, 16V	
C1539	ECJ1VF1A105Z	C 1UF, Z, 50V	
C1540	ECJ0EB1H102K	C 1000PF, 50V	
	ECJ0EF1C104Z	C 0.1UF, 16V	
C1542	ECJ0EF1C104Z	C 0.1UF, 16V	
C1543	ECJ0EF1C104Z	C 0.1UF, 16V	
C1545	ECJ0EF1C104Z	C 0.1UF, 16V	
C1546	EEFCD0J470R	CAPACITOR	
C1547	ECJ1VC1H101J	C 100PF, J, 50V	
C1551	EEEHB0G101R	E 100UF, 4V	
C1552	ECJ0EF1C104Z	C 0.1UF, 16V	
C1555	ECJ0EF1C104Z	C 0.1UF, 16V	
C1556	F2G1A3300007	CAPACITOR	
C1557	ECJ0EF1C104Z	C 0.1UF, 16V	
C1559	ECJ0EF1C104Z	C 0.1UF, 16V	
C1563	ECJ0EF1C104Z	C 0.1UF, 16V	
C1565	ECJ1VF1A225Z	CAPACITOR	
C1566	ECJ1VF1A225Z	CAPACITOR	
	ECJ0EF1C104Z	C 0.1UF, 16V	
C1581	ECJ0EF1C104Z ECJ1VF1A225Z	C 0.1UF, 16V CAPACITOR	
C1583	ECJ1VF1A223Z ECJ0EF1C104Z	C 0.1UF, 16V	
	F2G0J3300014	CAPACITOR	
C1589	ECJ0EB1H102K	C 1000PF, 50V	
C1591	ECJ0EB1H102K	C 1000PF, 50V	
C1595	ECJ0EB1H102K	C 1000PF, 50V	
C1596	ECJ0EB1H102K	C 1000PF, 50V	
C1600	F2G0J3300014	CAPACITOR	
C1602	ECJ1VC1H221J	CAPACITOR	
C1603	ECJ0EB1H102K	C 1000PF, 50V	
C1604	ECJ0EF1C104Z	C 0.1UF, 16V	
C1605	F2G0J4700010	CAPACITOR	
C1607	ECJ1VF1C474Z	CAPACITOR	
C1608	ECJ1VF1C474Z	CAPACITOR	
C1610	ECJ1VF1E105Z	CAPACITOR	
C1611	ECJ1VF1E105Z	CAPACITOR	
C1612	ECJ1VF1A105Z	C 1UF, Z, 50V	
C1613	ECJ1VF1E105Z	CAPACITOR	
C1614	ECJ1VF1E105Z	CAPACITOR	
C1615	ECJ1VF1E105Z	CAPACITOR	
C1616 C1618	ECJ1VF1E105Z ECJ1VB1H472K	CAPACITOR C 4700PF, K, 50V	
C1619	ECJ2VB1C224K	C 4700PF, K, 50V CAPACITOR	
C1620	ECJ2VB1C224K	CAPACITOR	
C1623	ECJ1VB1H821K	CAPACITOR	
C1625	ECJ1VB1H332K	CAPACITOR	
C1626	ECJ0EF1C104Z	C 0.1UF, 16V	
C1627	ECJ1VF1A225Z	CAPACITOR	
C1628	ECJ0EB1H102K	C 1000PF, 50V	
C1629	ECJ0EF1C104Z	C 0.1UF, 16V	
C1630	F2G0J4700010	CAPACITOR	
C1631	ECJ0EF1C104Z	C 0.1UF, 16V	
C1633	ECJ1VF1A225Z	CAPACITOR	
C1635	ECJ1VF1A225Z	CAPACITOR	
C1636	ECJ0EB1H102K	C 1000PF, 50V	
C1637	ECJ1VF1A225Z	CAPACITOR	
C1638	ECJ1VF1A225Z	CAPACITOR	
C1639	ECJ0EB1H102K	C 1000PF, 50V	
C1640	ECJ0EB1H102K	C 1000PF, 50V	
C1641	ECJ1VF1A225Z	CAPACITOR	
C1642	ECJ0EB1H102K	C 1000PF, 50V	
C1643	ECJ0EB1H102K	C 1000PF, 50V	
C1644	ECJ1VF1A225Z	CAPACITOR	
C1645	ECJ1VF1A225Z	CAPACITOR	
C1647	ECJ1VF1A225Z ECJ0EB1H102K	C 1000PF, 50V	
C1654	ECJ1VF1A105Z	C 1UF, Z, 50V	
C1655	ECJ1VF1A105Z	C 1UF, Z, 50V	
C1658	ECJ0EF1C104Z	C 0.1UF, 16V	
C1674	F2G1C1000013	CAPACITOR	
C2002	ECJ0EF1C104Z	C 0.1UF, 16V	
C2004	ECJ0EF1C104Z	C 0.1UF, 16V	

Ref.	Part No.	Part Name & Description	Remarks
No. C2005	ECJ3YF1C475Z	C 4.7UF, Z, 16V	
C3401	ECJ0EB1C103K	C 0.01UF, 16V	PT-AE900U
C3402	F2G0J3300014	CAPACITOR	PT-AE900U
	EEEHB0J330R	E 33UF, 6.3V	PT-AE900E
C3403	ECJ0EB1C103K	C 0.01UF, 16V	PT-AE900U
C3404	F2G0J3300014	CAPACITOR	PT-AE900U
C3405	ECJ0EB1C103K	C 0.01UF, 16V	
C3406	F2G0J3300014	CAPACITOR	PT-AE900U
03100	ECJ0EB1C103K	C 0.01UF, 16V	PT-AE900E
C3407	ECJ0EF1C104Z	C 0.1UF, 16V	PT-AE900U
C3407	EEEHBOJ330R	E 33UF, 6.3V	PT-AE900E
C3408	ECJ0EB1C103K		PT-AE900E
C3409	ECJ0EF1C104Z	C 0.01UF, 16V C 0.1UF, 16V	+
	<del> </del>		PT-AE900E
C3410	EEEHBOJ330R	E 33UF, 6.3V	PT-AE900E
C3411	EEEHB0J330R	E 33UF, 6.3V	PT-AE900E
C3412	ECJ0EF1C104Z	C 0.1UF, 16V	PT-AE900E
C9603	F0CZZ4740002	CAPACITOR	
C9610	F0C2E1050002	CAPACITOR	
C9617	F0C3C4720003	CAPACITOR	1
C9618	F0C2J1540004	CAPACITOR	
C9619	F0C2J1540004	CAPACITOR	
		[OTHERS]	
		[OTHERS]	
A1	K1MN36BA0178	36P CONNECTOR	
A2	K1MN36BA0178	36P CONNECTOR	
A3	K1MN36BA0178	36P CONNECTOR	
A4	K1KA05BA0086	5P CONNECTOR	1
A6	K1KA12BA0051	12P CONNECTOR	
A5 A7	K1KA02BA0047	2P CONNECTOR	1
	<del> </del>		
A8	K1MN12B00070	12P CONNECTOR	
A9	K1KA03BA0014	3P CONNECTOR	
A10	K1KA02BA0047	2P CONNECTOR	1
A15	K1KA03BA0047	3P CONNECTOR	1
A16	K1KA03BA0047	3P CONNECTOR	1
A17	K1KA03BA0047	3P CONNECTOR	
A20	K1KA03BA0047	3P CONNECTOR	
A21	K1KA10BA0087	10P CONNECTOR	
A23	K1KA09BA0086	9P CONNECTOR	
A24	K1KA09BA0014	9P CONNECTOR	
K1	K1KA02A00626	2P CONNECTOR	
K2	K1KA03A00546	3P CONNECTOR	
H1	K1KA09AA0200	9P CONNECTOR	
H2	K1MN06B00040	6P CONNECTOR	
CN001	1	INLET	1
	K2AZ3B000002		
HE2201	B4ABA0000009	HALL DEVICE	<b>1</b> A
F001	K5D502BNA005	FUSE	
F001-1	EYF52BCY	FUSE	
F001-2	EYF52BCY	FUSE	
S01		I 1 2 D. GONTHE GROD	1
-	K1MN12B00137	12P CONNECTOR	
	K1MN12B00137 K1KA02BA0047	2P CONNECTOR	
502			
S02 S9602	K1KA02BA0047	2P CONNECTOR	
S02 S9602 JS1004	K1KA02BA0047 A9BZ00000010	2P CONNECTOR SPARK GAP	
S02 S9602 JS1004 JS1005	K1KA02BA0047 A9BZ00000010 ERJ6GEY0R00V	2P CONNECTOR SPARK GAP RESISTOR	
S02 S9602 JS1004 JS1005 JS1012 JS1013	K1KA02BA0047 A9BZ00000010 ERJ6GEY0R00V ERJ6GEY0R00V	2P CONNECTOR SPARK GAP RESISTOR RESISTOR	
S02 S9602 JS1004 JS1005 JS1012 JS1013	K1KA02BA0047 A9BZ00000010 ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V	2P CONNECTOR SPARK GAP RESISTOR RESISTOR RESISTOR	
S02 S9602 JS1004 JS1005 JS1012 JS1013 JS1020	K1KA02BA0047 A9BZ00000010 ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V	2P CONNECTOR SPARK GAP RESISTOR RESISTOR RESISTOR RESISTOR RESISTOR	
S02 S9602 JS1004 JS1005 JS1012 JS1013 JS1020 JS1021	K1KA02BA0047 A9BZ00000010 ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V	2P CONNECTOR SPARK GAP RESISTOR RESISTOR RESISTOR RESISTOR RESISTOR RESISTOR	
S02 S9602 JS1004 JS1005 JS1012 JS1013 JS1020 JS1021 JS1022	K1KA02BA0047 A9BZ00000010 ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V	2P CONNECTOR SPARK GAP RESISTOR RESISTOR RESISTOR RESISTOR RESISTOR RESISTOR RESISTOR RESISTOR	
S02 S9602 JS1004 JS1005 JS1012 JS1013 JS1020 JS1021 JS1022 JK1001	K1KA02BA0047 A9BZ00000010 ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V K1CB205B0007	2P CONNECTOR SPARK GAP RESISTOR RESISTOR RESISTOR RESISTOR RESISTOR RESISTOR RESISTOR RESISTOR RESISTOR	
S02 S9602 JS1004 JS1005 JS1012 JS1013 JS1020 JS1021 JS1022 JK1001 JK1002	K1KA02BA0047 A9BZ00000010 ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V K1CB205B0007 K2HA306B0103	2P CONNECTOR SPARK GAP RESISTOR RESISTOR RESISTOR RESISTOR RESISTOR RESISTOR RESISTOR RESISTOR RESISTOR TERMINAL TERMINAL	
S02 S9602 JS1004 JS1005 JS1012 JS1013 JS1020 JS1021 JS1022 JK1001 JK1002 JK1004	K1KA02BA0047 A9BZ00000010 ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V K1CB205B0007 K2HA306B0103 K1FA119E0003	2P CONNECTOR SPARK GAP RESISTOR RESISTOR RESISTOR RESISTOR RESISTOR RESISTOR RESISTOR RESISTOR TERMINAL TERMINAL TERMINAL	
S02 S9602 JS1004 JS1005 JS1012 JS1013 JS1020 JS1021 JS1022 JK1001 JK1002 JK1004 JK1005	K1KA02BA0047 A9BZ00000010 ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V K1CB205B0007 K2HA306B0103 K1FA119E0003	2P CONNECTOR SPARK GAP RESISTOR RESISTOR RESISTOR RESISTOR RESISTOR RESISTOR RESISTOR RESISTOR TERMINAL TERMINAL TERMINAL TERMINAL TERMINAL	
S02 S9602 JS1004 JS1005 JS1012 JS1013 JS1020 JS1021 JS1022 JK1001 JK1002 JK1004 JK1005 JK1006	K1KA02BA0047 A9BZ00000010 ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V K1CB205B0007 K2HA306B0103 K1FA119E0003 K1FB115B0102 K1CB108B0057	2P CONNECTOR SPARK GAP RESISTOR RESISTOR RESISTOR RESISTOR RESISTOR RESISTOR RESISTOR TESISTOR TERMINAL TERMINAL TERMINAL TERMINAL TERMINAL TERMINAL	
S02 S9602 JS1004 JS1005 JS1012 JS1013 JS1020 JS1021 JS1022 JK1001 JK1002 JK1004 JK1005	K1KA02BA0047 A9BZ00000010 ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V K1CB205B0007 K2HA306B0103 K1FA119E0003	2P CONNECTOR SPARK GAP RESISTOR RESISTOR RESISTOR RESISTOR RESISTOR RESISTOR RESISTOR RESISTOR TERMINAL TERMINAL TERMINAL TERMINAL TERMINAL	PT-AE900U
S02 S9602 JS1004 JS1005 JS1012 JS1013 JS1020 JS1021 JS1022 JK1001 JK1002 JK1004 JK1005 JK1006	K1KA02BA0047 A9BZ00000010 ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V K1CB205B0007 K2HA306B0103 K1FA119E0003 K1FB115B0102 K1CB108B0057	2P CONNECTOR SPARK GAP RESISTOR RESISTOR RESISTOR RESISTOR RESISTOR RESISTOR RESISTOR TESISTOR TERMINAL TERMINAL TERMINAL TERMINAL TERMINAL TERMINAL	
S02 S9602 JS1004 JS1005 JS1012 JS1013 JS1020 JS1021 JS1022 JK1001 JK1002 JK1004 JK1005 JK1006 JK3401	K1KA02BA0047 A9BZ00000010 ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V K1CB205B0007 K2HA306B0103 K1FA119E0003 K1FB115B0102 K1CB108B0057 K2HA306B0103	2P CONNECTOR SPARK GAP RESISTOR RESISTOR RESISTOR RESISTOR RESISTOR RESISTOR RESISTOR TESISTOR TERMINAL TERMINAL TERMINAL TERMINAL TERMINAL TERMINAL TERMINAL TERMINAL TERMINAL	
S02 S9602 JS1004 JS1005 JS1012 JS1013 JS1020 JS1021 JS1022 JK1001 JK1002 JK1004 JK1005 JK1006 JK3401	K1KA02BA0047 A9BZ00000010 ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V K1CB205B0007 K2HA306B0103 K1FA119E0003 K1FB115B0102 K1CB108B0057 K2HA306B0103 K1HB121B0007	2P CONNECTOR SPARK GAP RESISTOR RESISTOR RESISTOR RESISTOR RESISTOR RESISTOR RESISTOR TERMINAL	
S02 S9602 JS1004 JS1005 JS1012 JS1013 JS1020 JS1021 JS1022 JK1001 JK1002 JK1004 JK1005 JK1006 JK3401	K1KA02BA0047 A9BZ00000010 ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V K1CB205B0007 K2HA306B0103 K1FA119E0003 K1FB115B0102 K1CB108B0057 K2HA306B0103 K1HB121B0007 B3FAA0000478	2P CONNECTOR SPARK GAP RESISTOR RESISTOR RESISTOR RESISTOR RESISTOR RESISTOR RESISTOR TERMINAL	
S02 S9602 JS1004 JS1005 JS1012 JS1013 JS1020 JS1021 JS1022 JK1001 JK1002 JK1004 JK1005 JK1006 JK3401 PC001 RM2001 SW001	K1KA02BA0047 A9BZ00000010 ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V K1CB205B0007 K2HA306B0103 K1FA119E0003 K1FB115B0102 K1CB108B0057 K2HA306B0103 K1HB121B0007 B3FAA0000478 B3RAD0000102	2P CONNECTOR SPARK GAP RESISTOR RESISTOR RESISTOR RESISTOR RESISTOR RESISTOR RESISTOR TERMINAL SWITCH	
S02 S9602 JS1004 JS1005 JS1012 JS1013 JS1020 JS1021 JS1022 JK1001 JK1002 JK1006 JK1006 JK3401 PC001 RM2001 SW001 SW2001	K1KA02BA0047 A9BZ00000010 ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V K1CB205B0007 K2HA306B0103 K1FB115B0102 K1CB108B0057 K2HA306B0103 K1HB121B0007 B3PAA0000478 B3RAD0000102 K0AAKA000014	2P CONNECTOR SPARK GAP RESISTOR RESISTOR RESISTOR RESISTOR RESISTOR RESISTOR RESISTOR TESISTOR TERMINAL SWITCH SWITCH	PT-AE900U PT-AE900E
S02 S9602 JS1004 JS1005 JS1012 JS1013 JS1020 JS1021 JS1022 JK1001 JK1002 JK1004 JK1005 JK1006 JK3401 PC001 RM2001 SW001	K1KA02BA0047 A9BZ00000010 ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V ERJ6GEY0R00V K1CB205B0007 K2HA306B0103 K1FA119E0003 K1FB115B0102 K1CB108B0057 K2HA306B0103 K1HB121B0007 B3FAA0000478 B3RAD0000102	2P CONNECTOR SPARK GAP RESISTOR RESISTOR RESISTOR RESISTOR RESISTOR RESISTOR RESISTOR TERMINAL SWITCH	

Ref. No.         Part No.         Part Name & Description         Remarks           SW2005         EVQPLHA15         SWITCH         SW2006         EVQPLHA15         SWITCH           SW2007         EVQPLHA15         SWITCH         SW2008         EVQPLHA15         SWITCH         △           SW9601         T115AR3U3         SWITCH         △         △           T001         G4DYA0000009         TRANS         △         △           X1001         H0J270500105         CRYSTAL         ✓         △           X1005         H0J829400001         CRYSTAL         ✓         △           Z001         ERZV10D471         VARISTOR         △         △           ZA3402         TJC6137         LUG TERMINAL         PT-AE900U           ZD001         MAZ805600L         DIODE         PT-AE900E           RTL         TXANP01VKB4         CIRCUIT BOARD A         RTL         TNPA3753         CIRCUIT BOARD J         PT-AE900U           RTL         TNPA3417AB         CIRCUIT BOARD J         PT-AE900E         PT-AE900E           RTL         TXANP01QAZZ         CIRCUIT BOARD K         PT-AE900U           TXANP01QBAZ         CIRCUIT BOARD K         PT-AE900E           RTL				
SW2005   EVQPLHA15   SWITCH		Part No.	Part Name & Description	Remarks
SW2006         EVQPLHA15         SWITCH           SW2007         EVQPLHA15         SWITCH           SW2008         EVQPLHA15         SWITCH           SW9601         T115AR3U3         SWITCH           T001         G4DYA0000009         TRANS           X1001         H0J270500105         CRYSTAL           X1005         H0J829400001         CRYSTAL           Z001         ERZV10D471         VARISTOR           ZA001         K9ZZ00000424         EARTH LUG           ZA3402         TJC6137         LUG TERMINAL         PT-AE900U           ZD001         MAZ805600L         DIODE           RTL         TXANP01VKB4         CIRCUIT BOARD A         CIRCUIT BOARD H           RTL         TNPA3712         CIRCUIT BOARD J         PT-AE900U           RTL         TNPA3417AB         CIRCUIT BOARD J         PT-AE900E           RTL         TXANP01QAZZ         CIRCUIT BOARD K         PT-AE900U           RTL         TXANP01QBAZ         CIRCUIT BOARD K         PT-AE900E           RTL         TNPA3711         CIRCUIT BOARD S         PT-AE900E	NO.			
SW2007         EVQPLHA15         SWITCH           SW2008         EVQPLHA15         SWITCH           SW9601         T115AR3U3         SWITCH           T001         G4DYA0000009         TRANS           X1001         H0J270500105         CRYSTAL           X1005         H0J829400001         CRYSTAL           Z001         ERZV10D471         VARISTOR           ZA001         K9ZZ00000424         EARTH LUG           ZA3402         TJC6137         LUG TERMINAL         PT-AE900U           ZD001         MAZ805600L         DIODE           RTL         TXANP01VKB4         CIRCUIT BOARD A         CIRCUIT BOARD H           RTL         TNPA3753         CIRCUIT BOARD J         PT-AE900U           RTL         TNPA3417AB         CIRCUIT BOARD J         PT-AE900E           RTL         TXANP01QAZZ         CIRCUIT BOARD K         PT-AE900U           RTL         TXANP01QBAZ         CIRCUIT BOARD K         PT-AE900E           RTL         TNPA3711         CIRCUIT BOARD S         PT-AE900E	SW2005	EVQPLHA15	SWITCH	
SW2008         EVQPLHA15         SWITCH         ⚠           SW9601         T115AR3U3         SWITCH         ⚠           T001         G4DYA0000009         TRANS         ⚠           T9604         G4F2A0000001         TRANS         ⚠           X1001         H0J270500105         CRYSTAL            X1005         H0J829400001         CRYSTAL            Z001         ERZV10D471         VARISTOR         ⚠           ZA001         K9ZZ00000424         EARTH LUG            ZA3402         TJC6137         LUG TERMINAL         PT-AE900U           ZD001         MAZ805600L         DIODE            RTL         TXANP01VKB4         CIRCUIT BOARD A            RTL         TNPA3753         CIRCUIT BOARD H            RTL         TNPA3417AB         CIRCUIT BOARD J         PT-AE900U           RTL         TXANP01QAZZ         CIRCUIT BOARD K         PT-AE900U           TXANP01QBAZ         CIRCUIT BOARD K         PT-AE900E           RTL         TNPA3711         CIRCUIT BOARD S	SW2006	EVQPLHA15	SWITCH	
SW9601         T115AR3U3         SWITCH         ⚠           T001         G4DYA0000009         TRANS         ⚠           T9604         G4F2A0000001         TRANS         ⚠           X1001         H0J270500105         CRYSTAL            X1005         H0J829400001         CRYSTAL            Z001         ERZV10D471         VARISTOR         ⚠           ZA001         K9ZZ00000424         EARTH LUG            ZA3402         TJC6137         LUG TERMINAL         PT-AE900U           ZD001         MAZ805600L         DIODE            RTL         TXANP01VKB4         CIRCUIT BOARD A            RTL         TNPA3753         CIRCUIT BOARD H            RTL         TNPA3417AB         CIRCUIT BOARD J         PT-AE900U           RTL         TXANP01QAZZ         CIRCUIT BOARD K         PT-AE900U           RTL         TXANP01QBAZ         CIRCUIT BOARD K         PT-AE900U           RTL         TNPA3711         CIRCUIT BOARD S	SW2007	EVQPLHA15	SWITCH	
T001	SW2008	EVQPLHA15	SWITCH	
T9604	SW9601	T115AR3U3	SWITCH	$\triangle$
X1001	T001	G4DYA0000009	TRANS	$\triangle$
X1005	T9604	G4F2A0000001	TRANS	$\triangle$
Z001	X1001	н0J270500105	CRYSTAL	
ZA001	X1005	ној829400001	CRYSTAL	
TJC6137	Z001	ERZV10D471	VARISTOR	$\triangle$
TJEA090   LUG TERMINAL	ZA001	K9ZZ00000424	EARTH LUG	
ZD001   MAZ805600L   DIODE	ZA3402	TJC6137	LUG TERMINAL	PT-AE900U
RTL		TJEA090	LUG TERMINAL	PT-AE900E
RTL	ZD001	MAZ805600L	DIODE	
TNPA3712   CIRCUIT BOARD J	RTL	TXANP01VKB4	CIRCUIT BOARD A	
TNPA3417AB   CIRCUIT BOARD J   PT-AE900E	RTL	TNPA3753	CIRCUIT BOARD H	
TXANP01QAZZ	RTL	TNPA3712	CIRCUIT BOARD J	PT-AE900U
TXANPO1QBAZ CIRCUIT BOARD K PT-AE900E RTL TNPA3711 CIRCUIT BOARD S		TNPA3417AB	CIRCUIT BOARD J	PT-AE900E
RTL TNPA3711 CIRCUIT BOARD S	RTL	TXANP01QAZZ	CIRCUIT BOARD K	PT-AE900U
		TXANP01QBAZ	CIRCUIT BOARD K	PT-AE900E
TXANP02VKB4 BALLAST UNIT ASSY	RTL	TNPA3711	CIRCUIT BOARD S	
		TXANP02VKB4	BALLAST UNIT ASSY	
ETXMM592MBH CIRCUIT BOARD P		ETXMM592MBH	CIRCUIT BOARD P	